

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF NEW JERSEY

UNITED STATES OF AMERICA

Plaintiff,

v.

Johnson & Johnson; Permacel, Inc.;
3M Company; Novartis
Pharmaceuticals Corp.; Essex
Chemical Corporation; General
Motors Corporation; Chevron
Environmental Management
Company, for itself and on behalf of
Kewanee Industries, Inc.; Union
Carbide Corporation; Advanced
Environmental Technology Corp.;
Lionetti Oil Recovery, Inc., and
Fry's Metals, Inc.,

Defendants.

CIVIL ACTION NO. _____

RD/RA CONSENT DECREE

TABLE OF CONTENTS

I.	BACKGROUND	1
II.	JURISDICTION	4
III.	PARTIES BOUND	5
IV.	DEFINITIONS.....	6
V.	GENERAL PROVISIONS	12
VI.	PERFORMANCE OF THE WORK BY SETTLING DEFENDANTS	14
VII.	REMEDY REVIEW.....	21
VIII.	QUALITY ASSURANCE, SAMPLING, AND DATA ANALYSIS	22
IX.	ACCESS AND INSTITUTIONAL CONTROLS	25
X.	REPORTING REQUIREMENTS	32
XI.	EPA APPROVAL OF PLANS AND OTHER SUBMISSIONS	34
XII.	PROJECT COORDINATORS.....	36
XIII.	PERFORMANCE GUARANTEE	38
XIV.	CERTIFICATION OF COMPLETION	44
XV.	EMERGENCY RESPONSE	47
XVI.	PAYMENTS FOR RESPONSE COSTS	48
XVII.	INDEMNIFICATION AND INSURANCE.....	56
XVIII.	FORCE MAJEURE	59
XIX.	DISPUTE RESOLUTION.....	61
XX.	STIPULATED PENALTIES	65
XXI.	COVENANTS BY PLAINTIFF.....	71
XXII.	COVENANTS BY SETTLING DEFENDANTS AND SETTLING FEDERAL AGENCY	75
XXIII.	EFFECT OF SETTLEMENT; CONTRIBUTION PROTECTION	78
XXIV.	ACCESS TO INFORMATION.....	79
XXV.	RETENTION OF RECORDS.....	81
XXVI.	NOTICES AND SUBMISSIONS	83
XXVII.	EFFECTIVE DATE	85
XXVIII.	RETENTION OF JURISDICTION	85
XXIX.	APPENDICES	85
XXX.	COMMUNITY RELATIONS	86
XXXI.	MODIFICATION	86
XXXII.	LODGING AND OPPORTUNITY FOR PUBLIC COMMENT	87
XXXIII.	SIGNATORIES/SERVICE.....	88
XXXIV.	FINAL JUDGMENT	89

I. Background

A. The United States of America ("United States"), on behalf of the Administrator of the United States Environmental Protection Agency ("EPA"), filed a complaint in this matter pursuant to Sections 106 and 107 of the Comprehensive Environmental Response, Compensation, and Liability Act ("CERCLA"), 42 U.S.C. §§ 9606, 9607.

B. The United States in its complaint seeks, inter alia: (1) reimbursement of costs incurred by EPA and the Department of Justice for response actions at the Atlantic Resources Corporation Superfund Site ("ARC") and Horseshoe Road Drum Dump portion of the Horseshoe Road Superfund Site in Sayreville, New Jersey, together with accrued interest; and (2) performance of studies and response work by the defendants at the Sites (as hereinafter defined) consistent with the National Contingency Plan, 40 C.F.R. Part 300 (as amended) ("NCP"). The defendants have indicated that they have a claim in contribution under Section 113(f)(1), 42 U.S.C. § 113(f)(1), against the Settling Federal Agency.

C. In accordance with the NCP and Section 121(f)(1)(F) of CERCLA, 42 U.S.C. § 9621(f)(1)(F), EPA notified the State of New Jersey (the "State") on August 4, 2005, of negotiations with potentially responsible parties regarding the implementation of the remedial design and remedial action for the Sites, and EPA has provided the State with an opportunity to participate in such negotiations and be a party to this Consent Decree.

D. In accordance with Section 122(j)(1) of CERCLA, 42 U.S.C. § 9622(j)(1), EPA notified the U.S. Department of Commerce and the U.S. Fish and Wildlife Service on August 1, 2005, of negotiations with potentially responsible parties regarding the release of hazardous

substances that may have resulted in injury to the natural resources under Federal trusteeship and encouraged the trustees to participate in the negotiation of this Consent Decree.

E. The defendants that have entered into this Consent Decree ("Settling Defendants") do not admit any liability to the Plaintiff arising out of the transactions or occurrences alleged in the complaint, nor do they acknowledge that the release or threatened release of hazardous substances at or from the Sites constitutes an imminent or substantial endangerment to the public health or welfare or the environment. The Settling Federal Agency does not admit any liability arising out of the transactions or occurrences alleged in any counterclaim asserted by the Settling Defendants.

F. Pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, EPA placed the Sites on the National Priorities List, set forth at 40 C.F.R. Part 300, Appendix B, by publication in the Federal Register on September 29, 1995, 60 Fed. Reg. 50435, for the Horseshoe Road Site, and on September 13, 2001, 62 Fed. Reg. 15571, for the ARC Site.

G. In response to a release or a substantial threat of a release of hazardous substances at or from the Sites, on September 23, 1996, EPA commenced a Remedial Investigation and Feasibility Study ("RI/FS") for the Sites pursuant to 40 C.F.R. § 300.430.

H. Response Actions at the Sites are being coordinated under three operable units. Operable Unit One at the ARC Site, demolition of buildings and structures, was completed by certain of the Settling Defendants pursuant to Administrative Order on Consent, Index Number II CERCLA-02-2001-2021 in July 2003. Operable Unit Two relates to contamination of groundwater and soils at the ARC and Horseshoe Road Sites. EPA completed a Remedial Investigation ("RI") Report on May 12, 1999, and EPA completed a Feasibility Study ("FS")

Report for the second operable unit on September 17, 2002. EPA issued separate addenda to the FS Report on July 23, 2003 and January 6, 2004. Operable Unit Three consists of surface water and sediments in the marsh and Raritan River adjacent to the Sites. Certain of the Settling Defendants are currently performing work in connection with Operable Unit Three, including a Baseline Ecological Risk Assessment and Feasibility Study for surface water and sediments in the adjacent marsh and Raritan River, pursuant to Administrative Order on Consent, Index Number CERCLA-02-2003-2033.

I. This Consent Decree is intended to resolve liability by and between the Settling Defendants and the United States for the Work, and for Past and Future Response Costs. This Consent Decree also resolves the threatened claim for contribution under Section 113(f)(1) of CERCLA, 42 U.S.C. § 9613(f)(1), against the Settling Federal Agency's liability for Settling Defendants' Operable Unit One Past Response Costs as defined herein.

J. Pursuant to Section 117 of CERCLA, 42 U.S.C. § 9617, EPA published notice of the completion of the FS and of the proposed plan for remedial action on June 28, 2004, in a major local newspaper of general circulation. EPA provided an opportunity for written and oral comments from the public on the proposed plan for remedial action. A copy of the transcript of the public meeting is available to the public as part of the administrative record upon which the Regional Administrator based the selection of the response action.

K. The decision by EPA on the remedial action to be implemented at the Sites is embodied in a final Record of Decision ("ROD"), executed on September 30, 2004, on which the State had a reasonable opportunity to review and comment and on which the State has given its concurrence. The ROD includes EPA's explanation for any significant differences between the

final plan and the proposed plan as well as a responsiveness summary to the public comments.

Notice of the final plan was published in accordance with Section 117(b) of CERCLA.

L. Based on the information presently available to EPA, EPA believes that the Work will be properly and promptly conducted by the Settling Defendants if conducted in accordance with the requirements of this Consent Decree and its appendices.

M. Solely for the purposes of Section 113(j) of CERCLA, the Remedial Action selected by the ROD and the Work to be performed by the Settling Defendants shall constitute a response action taken or ordered by the President.

N. The Parties recognize, and the Court by entering this Consent Decree finds, that this Consent Decree has been negotiated by the Parties in good faith and implementation of this Consent Decree will expedite the cleanup of the Sites and will avoid prolonged and complicated litigation between the Parties, and that this Consent Decree is fair, reasonable, and in the public interest.

NOW, THEREFORE, it is hereby Ordered, Adjudged, and Decreed:

II. Jurisdiction

1. This Court has jurisdiction over the subject matter of this action pursuant to 28 U.S.C. §§ 1331 and 1345, and 42 U.S.C. §§ 9606, 9607, and 9613(b). This Court also has personal jurisdiction over the Settling Defendants. Solely for the purposes of this Consent Decree and the underlying complaint, Settling Defendants waive all objections and defenses that they may have to jurisdiction of the Court or to venue in this District. Settling Defendants shall

not challenge the terms of this Consent Decree or this Court's jurisdiction to enter and enforce this Consent Decree.

III. Parties Bound

2. This Consent Decree applies to and is binding upon the United States and upon Settling Defendants and their successors and assigns. Any change in ownership or corporate status of a Settling Defendant including, but not limited to, any transfer of assets or real or personal property, shall in no way alter such Settling Defendant's responsibilities under this Consent Decree.

3. Settling Defendants shall provide a copy of this Consent Decree to each contractor hired to perform the Work (as defined below) required by this Consent Decree and to each person representing any Settling Defendant with respect to the Sites or the Work and shall condition all contracts entered into hereunder upon performance of the Work in conformity with the terms of this Consent Decree. Settling Defendants or their contractors shall provide written notice of the Consent Decree to all subcontractors hired to perform any portion of the Work required by this Consent Decree. Settling Defendants shall nonetheless be responsible for ensuring that their contractors and subcontractors perform the Work contemplated herein in accordance with this Consent Decree. With regard to the activities undertaken pursuant to this Consent Decree, each contractor and subcontractor shall be deemed to be in a contractual relationship with the Settling Defendants within the meaning of Section 107(b)(3) of CERCLA, 42 U.S.C. § 9607(b)(3).

IV. Definitions

4. Unless otherwise expressly provided herein, terms used in this Consent Decree which are defined in CERCLA or in regulations promulgated under CERCLA shall have the meaning assigned to them in CERCLA or in such regulations. Whenever terms listed below are used in this Consent Decree or in the appendices attached hereto and incorporated hereunder, the following definitions shall apply:

"ARC Site" shall mean the Atlantic Resources Corporation Superfund Site located at Horseshoe Road, in the City of Sayreville, Middlesex County, New Jersey designated as Block 256, Lot 2.03 on the Municipal Tax Map of the Borough of Sayreville and any areas where hazardous substances have migrated therefrom and shown generally on the map attached as Appendix C.

"CERCLA" shall mean the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. §§ 9601, *et seq.*

"Consent Decree" shall mean this Decree and all appendices attached hereto (listed in Section XXIX). In the event of conflict between this Decree and any appendix, this Decree shall control.

"Day" shall mean a calendar day unless expressly stated to be a working day. "Working day" shall mean a day other than a Saturday, Sunday, or Federal holiday. In computing any

period of time under this Consent Decree, where the last day would fall on a Saturday, Sunday, or Federal holiday, the period shall run until the close of business of the next working day.

"Effective Date" shall be the effective date of this Consent Decree as provided in Paragraph 106.

"EPA" shall mean the United States Environmental Protection Agency and any successor departments or agencies of the United States.

"Future Response Costs" shall mean all costs, including, but not limited to, direct and indirect costs, that the United States incurs from and after the date of lodging of the Consent Decree in reviewing or developing plans, reports, and other items pursuant to this Consent Decree, verifying the Work, or otherwise implementing, overseeing, or enforcing this Consent Decree, including, but not limited to, payroll costs, contractor costs, travel costs, laboratory costs, the costs incurred by the United States for the ARC Site pursuant to Sections VII (Remedy Review), IX (Access and Institutional Controls) (including, but not limited to, the cost of attorney time and any monies paid to secure access and/or to secure or implement institutional controls including, but not limited to, the amount of just compensation); for both the ARC and HRDD sites pursuant to Section XV (Emergency Response), and Paragraph 87 of Section XXI (Work Takeover); and costs incurred by the United States, (including, but not limited to, the cost of attorney time and any monies paid) to secure access to the HRDD Site as necessary to undertake Remedial Design. Future Response Costs shall also include all Interim Response Costs, and all Interest on those Past Response Costs Settling Defendants have agreed to reimburse under this Consent Decree that has accrued pursuant to 42 U.S.C. § 9607(a) during the period from October 31, 2004 to the date of entry of this Consent Decree.

"HRDD Site" shall mean the Horseshoe Road Drum Dump portion of the Horseshoe Road Superfund Site adjacent to the ARC Site as depicted on the map attached as Appendix C.

"Interim Response Costs" shall mean all costs, including direct and indirect costs, (a) paid by the United States in connection with the ARC and HRDD Sites between October 31, 2004 and the Effective Date, or (b) incurred prior to the Effective Date but paid after that date.

"Interest," shall mean interest at the rate specified for interest on investments of the EPA Hazardous Substance Superfund established by 26 U.S.C. § 9507, compounded annually on October 1 of each year, in accordance with 42 U.S.C. § 9607(a). The applicable rate of interest shall be the rate in effect at the time the interest accrues. The rate of interest is subject to change on October 1 of each year.

"National Contingency Plan" or "NCP" shall mean the National Oil and Hazardous Substances Pollution Contingency Plan promulgated pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, codified at 40 C.F.R. Part 300, and any amendments thereto.

"NJDEP" shall mean the New Jersey Department of Environmental Protection and any successor departments or agencies of the State.

"Operable Unit One" shall mean those response actions taken by certain of Settling Defendants to remove buildings and structures at the ARC Site pursuant to Administrative Order on Consent, Index Number II CERCLA-02-2001-2021.

"Operable Unit Two" shall mean those response actions pertaining to soils and groundwater at the Sites.

"Operable Unit Three" shall mean those response actions pertaining to surface water and sediments in the marsh and Raritan River adjacent to the Sites.

"Paragraph" shall mean a portion of this Consent Decree identified by an Arabic numeral or an upper case letter.

"Parties" shall mean the United States and the Settling Defendants.

"Past Response Costs" shall mean all costs, including, but not limited to, direct and indirect costs, that the United States paid at or in connection with the ARC Site through October 31, 2004, plus Interest on all such costs which has accrued pursuant to 42 U.S.C. § 9607(a) through such date. This definition of "Past Response Costs" does not include past response costs incurred at the HRDD Site.

"Performance Standards" shall mean the cleanup standards and other measures of achievement of the goals of the Remedial Action, set forth in The Remedial Action Objectives Section of the ROD and Section II of the SOW.

"Plaintiff" shall mean the United States.

"RCRA" shall mean the Solid Waste Disposal Act, as amended, 42 U.S.C. §§ 6901 *et seq.* (also known as the Resource Conservation and Recovery Act).

"Record of Decision" or "ROD" shall mean the EPA Record of Decision relating to Operable Unit 2 at the Sites signed on September 30, 2004, by the Regional Administrator, EPA Region 2, or his/her delegate, and all attachments thereto. The ROD is attached as Appendix A.

"Remedial Action" shall mean those activities to be undertaken by the Settling Defendants at the ARC Site to implement the ROD, in accordance with the SOW and the final Remedial Design and Remedial Action Work Plans and other plans approved by EPA.

"Remedial Action Work Plan" shall mean the document developed pursuant to Paragraph 11 of this Consent Decree and approved by EPA, and any amendments thereto.

"Remedial Design" shall mean those activities to be undertaken by the Settling Defendants to develop the final plans and specifications for the Remedial Action at the ARC Site as defined herein and a remedial action for the HRDD Site pursuant to the Remedial Design Work Plan.

"Remedial Design Work Plan" shall mean the document developed pursuant to Paragraph 10 of this Consent Decree and approved by EPA, and any amendments thereto.

"Section" shall mean a portion of this Consent Decree identified by a Roman numeral.

"Settling Defendants" shall mean those Parties identified in Appendix D.

"Settling Defendants' Operable Unit One Response Costs" shall mean all Response Costs incurred by Settling Defendants for performance of Operable Unit One at the ARC Site, which work was completed by certain of the Settling Defendants pursuant to Administrative Order on Consent, Index Number II CERCLA-02-2001-2021 in July of 2003.

"Settling Defendants' Operable Unit Two Response Costs" shall mean all Response Costs incurred by Settling Defendants after the date of lodging of this Consent Decree for performance

of Work under this Consent Decree, including without limitation the payment hereunder of Future Response Costs and any response actions taken pursuant to Section VII.

"Settling Federal Agency" shall mean the United States Department of Defense, including all of its departments, offices, agencies, activities, commands, and instrumentalities, including without limitation, the United States Defense Logistics Agency, which is resolving any claims which have been or could be asserted against it with regard to the Sites as provided in this Consent Decree

"Sites" shall mean the Atlantic Resources Corporation Superfund Site and the Horseshoe Road Drum Dump Portion of the Horseshoe Road Superfund Site, which together encompass approximately 7 acres, located along Horseshoe Road in Sayreville, Middlesex County, New Jersey, and depicted generally on the map attached as Appendix C.

"State" shall mean the State of New Jersey.

"Statement of Work" or "SOW" shall mean the statement of work for implementation of the Remedial Design at the Sites, and Remedial Action at the ARC Site, as set forth in Appendix B to this Consent Decree and any modifications made in accordance with this Consent Decree.

"Supervising Contractor" shall mean the principal contractor retained by the Settling Defendants to supervise and direct the implementation of the Work under this Consent Decree.

"Trust Fund" shall mean the ARC/HRDD RD/RA Trust Fund established pursuant to the Declaration of Trust attached as Appendix F.

"United States" shall mean the United States of America, including all of its departments, agencies, and instrumentalities, which includes without limitation EPA, the Settling Federal Agency and any federal natural resources trustee.

"Waste Material" shall mean (1) any "hazardous substance" under Section 101(14) of CERCLA, 42 U.S.C. § 9601(14); (2) any pollutant or contaminant under Section 101(33), 42 U.S.C. § 9601(33); and (3) any "solid waste" under Section 1004(27) of RCRA, 42 U.S.C. § 6903(27).

"Work" shall mean all activities Settling Defendants are required to perform under this Consent Decree, except those required by Section XXV (Retention of Records). This definition of "Work" does not include remedial action at the HRDD Site.

V. General Provisions

5. Objectives of the Parties. The objectives of the Parties in entering into this Consent Decree are to protect public health or welfare or the environment at the Sites by the design and implementation of response actions at the Sites by the Settling Defendants, to reimburse response costs of the Plaintiff, and to resolve the claims of Plaintiff against Settling Defendants and the claims of the Settling Defendants which have been or could have been asserted against the United States with regard to the Sites as provided in this Consent Decree.

6. Commitments by Settling Defendants and Settling Federal Agency.

a. Settling Defendants shall finance and perform the Work in accordance with this Consent Decree, the ROD, the SOW, and all work plans and other plans, standards,

specifications, and schedules set forth herein or developed by Settling Defendants and approved by EPA pursuant to this Consent Decree. Settling Defendants shall also reimburse the United States for Future Response Costs as provided in this Consent Decree. The United States, on behalf of the Settling Federal Agency shall reimburse the EPA Hazardous Substance Superfund for Past Response Costs and the Settling Defendants for an allocated share of their response costs, as provided in this Consent Decree.

b. The obligations of Settling Defendants to finance and perform the Work and to pay amounts owed the United States under this Consent Decree are joint and several. In the event of the insolvency or other failure of any one or more of the Settling Defendants to implement the requirements of this Consent Decree, the remaining Settling Defendants shall complete all such requirements.

7. Compliance With Applicable Law. All activities undertaken by Settling Defendants pursuant to this Consent Decree shall be performed in accordance with the requirements of all applicable federal and state laws and regulations. Settling Defendants must also comply with all applicable or relevant and appropriate requirements of all Federal and state environmental laws as set forth in the ROD and the SOW. The activities conducted pursuant to this Consent Decree, if approved by EPA, shall be considered to be consistent with the NCP.

8. Permits.

a. As provided in Section 121(e) of CERCLA and Section 300.400(e) of the NCP, no permit shall be required for any portion of the Work conducted entirely on-site (i.e., within the areal extent of contamination or in very close proximity to the contamination and necessary for implementation of the Work). Where any portion of the Work that is not on-site

requires a federal or state permit or approval, Settling Defendants shall submit timely and complete applications and take all other actions necessary to obtain all such permits or approvals.

b. The Settling Defendants may seek relief under the provisions of Section XIX (Force Majeure) of this Consent Decree for any delay in the performance of the Work resulting from a failure to obtain, or a delay in obtaining, any permit required for the Work.

c. This Consent Decree is not, and shall not be construed to be, a permit issued pursuant to any federal or state statute or regulation.

VI. PERFORMANCE OF THE WORK BY SETTLING DEFENDANTS

9. Selection of Supervising Contractor.

a. All aspects of the Work to be performed by Settling Defendants pursuant to Sections VI (Performance of the Work by Settling Defendants), VII (Remedy Review), VIII (Quality Assurance, Sampling and Data Analysis), and XV (Emergency Response) of this Consent Decree shall be under the direction and supervision of the Supervising Contractor, the selection of which shall be subject to disapproval by EPA. Within 20 days after the lodging of this Consent Decree, Settling Defendants shall notify EPA in writing of the name, title, and qualifications of any contractor proposed to be the Supervising Contractor. With respect to any contractor proposed to be Supervising Contractor, Settling Defendants shall demonstrate that the proposed contractor has a quality system that complies with ANSI/ASQC E4-1994, "Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs," (American National Standard, January 5, 1995), by submitting a copy of the proposed contractor's Quality Management Plan (QMP). The QMP

should be prepared in accordance with "EPA Requirements for Quality Management Plans (QA/R-2)" (EPA/240/B-01/002, March 2001) or equivalent documentation as determined by EPA. EPA will issue a notice of disapproval or an authorization to proceed. If at any time thereafter, Settling Defendants propose to change a Supervising Contractor, Settling Defendants shall give such notice to EPA, and must obtain an authorization to proceed from EPA before the new Supervising Contractor performs, directs, or supervises any Work under this Consent Decree.

b. If EPA disapproves a proposed Supervising Contractor, EPA will notify Settling Defendants in writing. Settling Defendants shall submit to EPA a list of contractors, including the qualifications of each contractor, that would be acceptable to them within 30 days of receipt of EPA's disapproval of the contractor previously proposed. EPA will provide written notice of the names of any contractor(s) that it disapproves and an authorization to proceed with respect to any of the other contractors. Settling Defendants may select any contractor from that list that is not disapproved and shall notify EPA of the name of the contractor selected within 21 days of EPA's authorization to proceed.

c. If EPA fails to provide written notice of its authorization to proceed or disapproval as provided in this Paragraph and this failure prevents the Settling Defendants from meeting one or more deadlines in a plan approved by the EPA pursuant to this Consent Decree, Settling Defendants may seek relief under the provisions of Section XVIII (Force Majeure) hereof.

10. Remedial Design.

a. Within sixty (60) days of the date on which Settling Defendants receive written notification from EPA of the approval of the Supervising Contractor, Settling Defendants shall submit to EPA and the State a work plan for the design of the Remedial Action at the Sites ("Remedial Design Work Plan" or "RD Work Plan"). The Remedial Design Work Plan shall provide for design of the remedy set forth in the ROD, in accordance with the SOW and for achievement of the Performance Standards and other requirements set forth in the ROD, this Consent Decree and/or the SOW. Upon its approval by EPA, the Remedial Design Work Plan shall be incorporated into and become enforceable under this Consent Decree. Settling Defendants shall submit to EPA and the State a Health and Safety Plan for field design activities which conforms to the applicable Occupational Safety and Health Administration and EPA requirements including, but not limited to, 29 C.F.R. § 1910.120.

b. The Remedial Design Work Plan shall include plans and schedules for implementation of all remedial design tasks identified in the SOW, including, but not limited to, plans and schedules for the completion of: (1) design sampling and analysis plan (including, but not limited to, a Remedial Design Quality Assurance Project Plan (RD QAPP) in accordance with Section VIII (Quality Assurance, Sampling and Data Analysis)); and (2) a Health and Safety Contingency Plan (HSCP); and may also include schedules for the completion of: (1) a preliminary design submittal; (2) a pre-final design submittal; and (3) a final design submittal. In addition, the Remedial Design Work Plan shall include a schedule for completion of the Remedial Action Work Plan. Upon approval of the Remedial Design Work Plan by EPA, after a reasonable opportunity for review and comment by the State, and submittal of the Health and Safety Plan for all field activities to EPA and the State, Settling Defendants shall implement the

Remedial Design Work Plan. The Settling Defendants shall submit to EPA and the State all plans, submittals and other deliverables required under the approved Remedial Design Work Plan in accordance with the approved schedule for review and approval pursuant to Section XI (EPA Approval of Plans and Other Submissions). Unless otherwise directed by EPA, Settling Defendants shall not commence further Remedial Design activities at the Sites prior to approval of the Remedial Design Work Plan.

c. The preliminary, pre-final and final design submittals shall include, at a minimum, those items specified in Section VII of the SOW.

11. Remedial Action.

a. Within 60 days after award of the Remedial Action contract as specified in the SOW, Settling Defendants shall submit to EPA and the State a work plan for the performance of the Remedial Action at the ARC Site ("Remedial Action Work Plan"). The Remedial Action Work Plan shall provide for construction and implementation of the remedy set forth in the ROD and achievement of the Performance Standards, in accordance with this Consent Decree, the ROD, the SOW, and the design plans and specifications developed in accordance with the Remedial Design Work Plan and approved by EPA. Upon its approval by EPA, the Remedial Action Work Plan shall be incorporated into and become enforceable under this Consent Decree. At the same time as they submit the Remedial Action Work Plan, Settling Defendants shall submit to EPA and the State a Health and Safety Plan for field activities required by the Remedial Action Work Plan which conforms to the applicable Occupational Safety and Health Administration and EPA requirements including, but not limited to, 29 C.F.R. § 1910.120.

b. The Remedial Action Work Plan shall include those items listed in Section IX of the SOW. The Remedial Action Work Plan also shall include the methodology for implementation of the Construction Quality Assurance Plan and a schedule for implementation of all Remedial Action tasks identified in the final design submittal and shall identify the initial formulation of the Settling Defendants' Remedial Action Project Team (including, but not limited to, the Supervising Contractor).

c. Upon approval of the Remedial Action Work Plan by EPA, after a reasonable opportunity for review and comment by the State, but in no event prior to entry of this Consent Decree, Settling Defendants shall implement the activities required under the Remedial Action Work Plan. The Settling Defendants shall submit to EPA and the State all plans, submittals, or other deliverables required under the approved Remedial Action Work Plan in accordance with the approved schedule for review and approval pursuant to Section XI (EPA Approval of Plans and Other Submissions). Unless otherwise directed by EPA, Settling Defendants shall not commence physical Remedial Action activities at the ARC Site prior to approval of the Remedial Action Work Plan.

12. The Settling Defendants shall continue to implement the Remedial Action, including long-term monitoring as provided in the SOW, until the Performance Standards are achieved and for so long thereafter as is otherwise required under this Consent Decree.

13. Modification of the SOW or Related Work Plans.

a. If EPA determines that modification to the work specified in the SOW and/or in work plans developed pursuant to the SOW is necessary to achieve and maintain the Performance Standards or to carry out and maintain the effectiveness of the remedy set forth in

the ROD, EPA may require that such modification be incorporated in the SOW and/or such work plans, provided, however, that a modification may only be required pursuant to this Paragraph to the extent that it is consistent with the scope of the remedy selected in the ROD.

b. For the purposes of this Paragraph 13 and Paragraph 51 only, the "scope of the remedy selected in the ROD" is to:

reduce or eliminate the direct contact threat associated with contaminated soil to levels protective of a commercial or industrial use, and protective of the environment by remediation of such soils to the cleanup goals established in the ROD;

prevent public exposure to contaminated groundwater that presents a significant risk to human health and the environment;

minimize or eliminate contaminant migration to the groundwater and surface waters; and

minimize or eliminate organic vapor migration from groundwater into future indoor environments that may be built on the sites.

c. If Settling Defendants object to any modification determined by EPA to be necessary pursuant to this Paragraph, they may seek dispute resolution pursuant to Section XIX (Dispute Resolution), Paragraph 70 (record review). The SOW and/or related work plans shall be modified in accordance with final resolution of the dispute.

d. Settling Defendants shall implement any work required by any modifications incorporated in the SOW and/or in work plans developed pursuant to the SOW in accordance with this Paragraph.

e. Nothing in this Paragraph shall be construed to limit EPA's authority to require performance of further response actions as otherwise provided in this Consent Decree.

14. Settling Defendants acknowledge and agree that nothing in this Consent Decree, the SOW, or the Remedial Design or Remedial Action Work Plans constitutes a warranty or representation of any kind by Plaintiff that compliance with the work requirements set forth in the SOW and the Work Plans will achieve the Performance Standards.

15. a. Settling Defendants shall, prior to any off-Site shipment of Waste Material from the Sites to an out-of-state waste management facility, provide written notification to the appropriate state environmental official in the receiving facility's state and to the EPA Project Coordinator of such shipment of Waste Material. However, this notification requirement shall not apply to any off-Site shipments when the total volume of all such shipments will not exceed 10 cubic yards.

(1) The Settling Defendants shall include in the written notification the following information, where available: (1) the name and location of the facility to which the Waste Material is to be shipped; (2) the type and quantity of the Waste Material to be shipped; (3) the expected schedule for the shipment of the Waste Material; and (4) the method of transportation. The Settling Defendants shall notify the state in which the planned receiving facility is located of major changes in the shipment plan, such as a decision to ship the Waste Material to another facility within the same state, or to a facility in another state.

(2) ; The identity of the receiving facility and state will be determined by the Settling Defendants following the award of the contract for Remedial Action construction.

The Settling Defendants shall provide the information required by Paragraph 15.a. as soon as practicable after the award of the contract and before the Waste Material is actually shipped.

b. Before shipping any hazardous substances, pollutants, or contaminants from the Sites to an off-site location, Settling Defendants shall obtain EPA's certification that the proposed receiving facility is operating in compliance with the requirements of CERCLA Section 121(d)(3) and 40 C.F.R. Section 300.440. Settling Defendants shall only send hazardous substances, pollutants, or contaminants from the Sites to an off-site facility that complies with the requirements of the statutory provision and regulations cited in the preceding sentence.

VII. Remedy Review

16. Periodic Review. Settling Defendants shall conduct any studies and investigations as requested by EPA, in order to permit EPA to conduct reviews of whether the Remedial Action for the ARC Site is protective of human health and the environment at least every five years from commencement of physical Remedial Action activities at the ARC Site as required by Section 121(c) of CERCLA and any applicable regulations.

17. EPA Selection of Further Response Actions. If EPA determines, at any time, that the Remedial Action for the ARC Site is not protective of human health and the environment, EPA may select further response actions for the ARC Site in accordance with the requirements of CERCLA and the NCP.

18. Opportunity To Comment. Settling Defendants and, if required by Sections 113(k)(2) or 117 of CERCLA, the public, will be provided with an opportunity to comment on any further response actions proposed by EPA as a result of the review conducted pursuant to

Section 121(c) of CERCLA and to submit written comments for the record during the comment period.

19. Settling Defendants' Obligation To Perform Further Response Actions. If EPA selects further response actions for the ARC Site based on a determination that the Remedial Action is not protective of human health or the environment, the Settling Defendants shall undertake such further response actions. Settling Defendants may invoke the procedures set forth in Section XIX (Dispute Resolution) to dispute (1) EPA's determination that the Remedial Action is not protective of human health and the environment, or (2) EPA's selection of the further response actions. Disputes pertaining to whether the Remedial Action is protective or to EPA's selection of further response actions shall be resolved pursuant to Paragraph 70 (record review).

20. Submissions of Plans. If Settling Defendants are required to perform the further response actions pursuant to Paragraph 19, they shall submit a plan for such work to EPA for approval in accordance with the procedures set forth in Section VI (Performance of the Work by Settling Defendants) and shall implement the plan approved by EPA in accordance with the provisions of this Decree.

VIII. Quality Assurance, Sampling, and Data Analysis

21. Settling Defendants shall use quality assurance, quality control, and chain of custody procedures for all treatability, design, compliance and monitoring samples in accordance with "EPA Requirements for Quality Assurance Project Plans (QA/R5)" (EPA/240/B-01/003,

March 2001) "Guidance for Quality Assurance Project Plans (QA/G-5)" (EPA/600/R-98/018, February 1998), and subsequent amendments to such guidelines upon notification by EPA to Settling Defendants of such amendment. Amended guidelines shall apply only to procedures conducted after such notification. Prior to the commencement of any monitoring project under this Consent Decree, Settling Defendants shall submit to EPA for approval, after a reasonable opportunity for review and comment by the State, a Quality Assurance Project Plan ("QAPP") that is consistent with the SOW, the NCP and applicable guidance documents. If relevant to the proceeding, the Parties agree that validated sampling data generated in accordance with the QAPP(s) and reviewed and approved by EPA shall be admissible as evidence, without objection, in any proceeding under this Decree. Settling Defendants shall ensure that EPA personnel and its authorized representatives are allowed access at reasonable times to all laboratories utilized by Settling Defendants in implementing this Consent Decree. In addition, Settling Defendants shall ensure that such laboratories shall analyze all samples submitted by EPA pursuant to the QAPP for quality assurance monitoring. Settling Defendants shall ensure that the laboratories they utilize for the analysis of samples taken pursuant to this Decree perform all analyses according to accepted EPA methods. Accepted EPA methods consist of those methods which are documented in the "Contract Lab Program Statement of Work for Inorganic Analysis" and the "Contract Lab Program Statement of Work for Organic Analysis," dated February 1988, and any amendments made thereto during the course of the implementation of this Decree; however, upon approval by EPA, after opportunity for review and comment by the State, the Settling Defendants may use other analytical methods which are as stringent as or more stringent than the CLP- approved methods. Settling Defendants shall ensure that all laboratories they use for analysis of samples taken pursuant to this Consent Decree participate in an EPA or EPA-

equivalent QA/QC program. Settling Defendants shall only use laboratories that have a documented Quality System which complies with ANSI/ASQC E4-1994, "Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs," (American National Standard, January 5, 1995), and "EPA Requirements for Quality Management Plans (QA/R-2)," (EPA/240/B-01/002, March 2001) or equivalent documentation as determined by EPA. EPA may consider laboratories accredited under the National Environmental Laboratory Accreditation Program (NELAP) as meeting the Quality System requirements. Settling Defendants shall ensure that all field methodologies utilized in collecting samples for subsequent analysis pursuant to this Decree will be conducted in accordance with the procedures set forth in the QAPP approved by EPA.

22. Upon request, the Settling Defendants shall allow split or duplicate samples to be taken by EPA or its authorized representatives. Settling Defendants shall notify EPA not less than 10 days in advance of any sample collection activity unless shorter notice is agreed to by EPA. In addition, EPA shall have the right to take any additional samples that EPA deems necessary. Upon request, EPA shall allow the Settling Defendants to take split or duplicate samples of any samples it takes as part of the Plaintiff's oversight of the Settling Defendants' implementation of the Work.

23. Settling Defendants shall submit to EPA 3 copies of the results of all sampling and/or tests or other data obtained or generated by or on behalf of Settling Defendants with respect to the Sites in the implementation of this Consent Decree unless EPA agrees otherwise.

24. Notwithstanding any provision of this Consent Decree, the United States hereby retains all of its information gathering and inspection authorities and rights, including

enforcement actions related thereto, under CERCLA, RCRA and any other applicable statutes or regulations.

IX. Access and Institutional Controls

25. If the Sites, or any other property where access and/or land/water use restrictions are needed to implement this Consent Decree, is owned or controlled by any of the Settling Defendants, such Settling Defendants shall:

a. commencing on the date of lodging of this Consent Decree, provide the United States and its representatives, including EPA and its contractors, with access at all reasonable times to the Sites, or such other property, for the purpose of conducting any activity related to this Consent Decree including, but not limited to, the following activities:

- (1) Monitoring the Work;
- (2) Verifying any data or information submitted to the United States;
- (3) Conducting investigations relating to contamination at or near the Sites;
- (4) Obtaining samples;
- (5) Assessing the need for, planning, or implementing additional response actions at or near the Sites;
- (6) Assessing implementation of quality assurance and quality control practices as defined in the approved Quality Assurance Project Plans;

(7) Implementing the Work pursuant to the conditions set forth in Paragraph 87 of this Consent Decree;

(8) Inspecting and copying records, operating logs, contracts, or other documents maintained or generated by Settling Defendants or their agents, consistent with Section XXIV (Access to Information);

(9) Assessing Settling Defendants' compliance with this Consent Decree; and

(10) Determining whether the Sites or other property is being used in a manner that is prohibited or restricted, or that may need to be prohibited or restricted, by or pursuant to this Consent Decree.

b. commencing on the date of lodging of this Consent Decree, refrain from using the Sites, or such other property, in any manner that would interfere with or adversely affect the implementation, integrity, or protectiveness of the remedial measures to be performed pursuant to this Consent Decree. Such restrictions include, but are not limited to, well installation and groundwater use restrictions; and as to the ARC Site, execution of a deed notice; and

c. upon request by EPA, execute and record in the County Clerk's Office of Middlesex County, State of New Jersey, an easement, running with the land, that (i) grants a right of access for the purpose of conducting any activity related to this Consent Decree including, but not limited to, those activities listed in Paragraph 25.a of this Consent Decree, and (ii) grants the right to enforce the land/water use restrictions listed in Paragraph 25.b of this Consent Decree, or other restrictions that EPA determines are necessary to implement, ensure

non-interference with, or ensure the protectiveness of the remedial measures to be performed pursuant to this Consent Decree. Such Settling Defendants shall grant the access rights and the rights to enforce the land/water use restrictions to (i) the United States, on behalf of EPA, and its representatives, (ii) the State and its representatives, (iii) the other Settling Defendants and their representatives, and/or (iv) other appropriate grantees. Such Settling Defendants shall, within 45 days of the request by EPA, submit to EPA for review and approval with respect to such property:

(1) A draft easement, in substantially the form attached hereto as Appendix E, that is enforceable under the laws of the State of New Jersey, and

(2) a current title insurance commitment or some other evidence of title acceptable to EPA, which shows title to the land described in the easement to be free and clear of all prior liens and encumbrances (except when those liens or encumbrances are approved by EPA or when, despite best efforts, Settling Defendants are unable to obtain release or subordination of such prior liens or encumbrances).

Within 15 days of EPA's approval and acceptance of the easement and the title evidence, such Settling Defendants shall update the title search and, if it is determined that nothing has occurred since the effective date of the commitment to affect the title adversely, record the easement with the Middlesex County Clerk's Office. Within 30 days of recording the easement, such Settling Defendants shall provide EPA with a final title insurance policy, or other final evidence of title acceptable to EPA, and a certified copy of the original recorded easement showing the clerk's recording stamps. If the easement is to be conveyed to the United States, the easement and title evidence (including final title evidence) shall be prepared in accordance with the U.S.

Department of Justice Title Standards 2001, and approval of the sufficiency of title must be obtained as required by 40 U.S.C. § 255.

26. If the Sites, or any other property where access and/or land/water use restrictions are needed to implement this Consent Decree, is owned or controlled by persons other than any of the Settling Defendants, Settling Defendants shall use best efforts to secure from such persons:

a. an agreement to provide access thereto for Settling Defendants, as well as for the United States on behalf of EPA, and the State, as well as their representatives (including contractors), for the purpose of conducting any activity related to this Consent Decree including, but not limited to, those activities listed in Paragraph 25.a of this Consent Decree;

b. an agreement, enforceable by the Settling Defendants and the United States, to refrain from using the ARC Site, or such other property, in any manner that would interfere with or adversely affect the implementation, integrity, or protectiveness of the remedial measures to be performed pursuant to this Consent Decree. Such restrictions include, but are not limited to, well installation and groundwater use restrictions at the ARC Site and, as to the ARC Site, execution of a deed notice. Notwithstanding the above, this Consent Decree does not obligate Settling Defendants to undertake remedial action at the HRDD Site; and

c. if requested by EPA, the execution and recordation in the Middlesex County Clerk's Office of an easement, running with the land, that (i) grants a right of access for the purpose of conducting any activity related to this Consent Decree including, but not limited to, those activities listed in Paragraph 25.a and 26.a of this Consent Decree, and (ii) grants the right to enforce the land/water use restrictions listed in Paragraph 25.b and 26.b of this Consent

Decree, or other restrictions that EPA determines are necessary to implement, ensure non-interference with, or ensure the protectiveness of the remedial measures to be performed pursuant to this Consent Decree. The access rights and/or rights to enforce land/water use restrictions shall be granted to (i) the United States, on behalf of EPA, and its representatives, (ii) the State and its representatives, (iii) the other Settling Defendants and their representatives, and/or (iv) other appropriate grantees. Within 45 days of request by EPA, Settling Defendants shall submit to EPA for review and approval with respect to such property:

(1) A draft easement, in substantially the form attached hereto as Appendix E, that is enforceable under the laws of the State of New Jersey, and a current title insurance commitment, or some other evidence of title acceptable to EPA, which shows title to the land described in the easement to be free and clear of all prior liens and encumbrances (except any liens or encumbrances existing as of the Effective Date which are hereby approved by EPA or when, despite best efforts, Settling Defendants are unable to obtain release or subordination of any other liens or encumbrances)

Within 15 days of EPA's approval and acceptance of the easement and the title evidence, Settling Defendants shall update the title search and, if it is determined that nothing has occurred since the effective date of the commitment to affect the title adversely, the easement shall be recorded with the Middlesex County Clerk's Office. Within 30 days of the recording of the easement, Settling Defendants shall provide EPA with a final title insurance policy, or other final evidence of title acceptable to EPA, and a certified copy of the original recorded easement showing the clerk's recording stamps. If easement is to be conveyed to the United States, the easement and title evidence (including final title evidence) shall be prepared in accordance with the U.S.

Department of Justice Title Standards 2001, and approval of the sufficiency of title must be obtained as required by 40 U.S.C. § 255.

27. For purposes of Paragraphs 25 and 26 of this Consent Decree, "best efforts" regarding Jack Kaplan, Clover Chemical Co., Inc. or Musa Shihadeh/Atlantic Development Corporation, shall mean a written request that he/it unconditionally provide the components of access enumerated in Paragraphs 25 and 26. "Kaplan" shall include Mr. Kaplan, Atlantic Resources Corporation, and/or any other person or entity in which Mr. Kaplan or any of his successors, assigns or heirs has an interest. Kaplan shall also include any insurer which claims any interest or right in any property through Kaplan. There shall be no requirement that Settling Defendants pay any compensation to Kaplan, Clover Chemical Co., Inc., or Musa Shihadeh/Atlantic Development Corporation. For any other landowners, "best efforts" includes the payment of reasonable sums of money in consideration of access, access easements, land/water use restrictions, restrictive easements, and/or an agreement to release or subordinate a prior lien or encumbrance. EPA agrees to designate Settling Defendants as its authorized representatives under Section 104(e) of CERCLA for purposes of the Consent to Access agreement dated May 5, 2005 and executed by First Connecticut Holding Group and to advise First Connecticut Holding Group in writing of that decision. If First Connecticut Holding Group revokes or otherwise repudiates the Consent to Access agreement dated May 5, 2005, Settling Defendants shall attempt to obtain access by the means provided in and in accordance with this Section IX. If (a) any access or land/water use restriction agreements required by Paragraphs 26.a or 26.b of this Consent Decree are not obtained within 45 days of the date of entry of this Consent Decree, (b) or any access easements or restrictive easements required by Paragraph 26.c of this Consent Decree are not submitted to EPA in draft form within 45 days of the due date

under this Consent Decree, or (c) Settling Defendants are unable to obtain an agreement pursuant to Paragraph 25.c.(1) or Paragraph 26.c.(1) from the holder of a prior lien or encumbrance to release or subordinate such lien or encumbrance to the easement being created pursuant to this Consent Decree within 45 days of the due date under this Consent Decree, Settling Defendants shall promptly notify the United States in writing, and shall include in that notification a summary of the steps that Settling Defendants have taken to attempt to comply with Paragraph 25 or 26 of this Consent Decree. The United States may, as it deems appropriate, assist Settling Defendants in obtaining access or land/water use restrictions, either in the form of contractual agreements or in the form of easements running with the land, or in obtaining the release or subordination of a prior lien or encumbrance. Settling Defendants shall reimburse the United States in accordance with the procedures in Section XVI (Payment of Response Costs), for all costs incurred, direct or indirect, by the United States in obtaining such access, land/water use restrictions, and/or the release/subordination of prior liens or encumbrances including, but not limited to, the cost of attorney time and the amount of monetary consideration paid or just compensation.

28. If EPA determines that land/water use restrictions in the form of state or local laws, regulations, ordinances or other governmental controls are needed to implement the remedy selected in the ROD, ensure the integrity and protectiveness thereof, or ensure non-interference therewith, Settling Defendants shall cooperate with EPA's efforts to secure such governmental controls.

29. Notwithstanding any provision of this Consent Decree, the United States retains all of its access authorities and rights, as well as all of its rights to require land/water use

restrictions, including enforcement authorities related thereto, under CERCLA, RCRA and any other applicable statute or regulations.

X. Reporting Requirements

30. In addition to any other requirement of this Consent Decree, Settling Defendants shall submit to EPA and the State 3 copies of written monthly progress reports that: (a) describe the actions which have been taken toward achieving compliance with this Consent Decree during the previous month; (b) include a summary of all results of sampling and tests and all other data received or generated by Settling Defendants or their contractors or agents in the previous month; (c) identify all work plans, plans and other deliverables required by this Consent Decree completed and submitted during the previous month; (d) describe all actions, including, but not limited to, data collection and implementation of work plans, which are scheduled for the next six weeks and provide other information relating to the progress of construction, including, but not limited to, critical path diagrams, Gantt charts and Pert charts; (e) include information regarding percentage of completion, unresolved delays encountered or anticipated that may affect the future schedule for implementation of the Work, and a description of efforts made to mitigate those delays or anticipated delays; (f) include any modifications to the work plans or other schedules that Settling Defendants have proposed to EPA or that have been approved by EPA; and (g) describe all activities undertaken in support of the Community Relations Plan during the previous month and those to be undertaken in the next six weeks. Settling Defendants shall submit these progress reports to EPA and the State by the tenth day of every month following the lodging of this Consent Decree until EPA notifies the Settling Defendants pursuant to Paragraph 51.b of Section XIV (Certification of Completion). If requested by EPA, Settling Defendants shall also provide briefings for EPA to discuss the progress of the Work.

31. The Settling Defendants shall notify EPA of any change in the schedule described in the monthly progress report for the performance of any activity, including, but not limited to, data collection and implementation of work plans, no later than seven days prior to the performance of the activity.

32. Upon the occurrence of any event during performance of the Work that Settling Defendants are required to report pursuant to Section 103 of CERCLA or Section 304 of the Emergency Planning and Community Right-to-know Act (EPCRA), Settling Defendants shall within 24 hours of the onset of such event orally notify the EPA Project Coordinator or, in the event that the EPA Project Coordinator is not available, the Emergency Response Section, Region 2, United States Environmental Protection Agency. These reporting requirements are in addition to the reporting required by CERCLA Section 103 or EPCRA Section 304.

33. Within 20 days of the onset of such an event, Settling Defendants shall furnish to Plaintiff a written report, signed by the Settling Defendants' Project Coordinator, setting forth the events which occurred and the measures taken, and to be taken, in response thereto. Within 30 days of the conclusion of such an event, Settling Defendants shall submit a report setting forth all actions taken in response thereto.

34. Settling Defendants shall submit 8 copies of all plans, reports, and data required by the SOW, the Remedial Design Work Plan, the Remedial Action Work Plan, or any other approved plans to EPA in accordance with the schedules set forth in such plans. Settling Defendants shall simultaneously submit 3 copies of all such plans, reports and data to the State. Upon request by EPA Settling Defendants shall submit in electronic form all portions of any

report or other deliverable Settling Defendants are required to submit pursuant to the provisions of this Consent Decree.

35. All reports and other documents submitted by Settling Defendants to EPA (other than the monthly progress reports referred to above) which purport to document Settling Defendants' compliance with the terms of this Consent Decree shall be signed by an authorized representative of the Settling Defendants.

XI. EPA Approval of Plans and Other Submissions

36. After review of any plan, report or other item which is required to be submitted for approval pursuant to this Consent Decree, EPA, after reasonable opportunity for review and comment by the State, shall: (a) approve, in whole or in part, the submission; (b) approve the submission upon specified conditions; (c) modify the submission to cure the deficiencies; (d) disapprove, in whole or in part, the submission, directing that the Settling Defendants modify the submission; or (e) any combination of the above. However, EPA shall not modify a submission without first providing Settling Defendants at least one notice of deficiency and an opportunity to cure within 14 days, except where to do so would cause serious disruption to the Work or where previous submission(s) have been disapproved due to material defects and the deficiencies in the submission under consideration indicate a bad faith lack of effort to submit an acceptable deliverable.

37. In the event of approval, approval upon conditions, or modification by EPA, pursuant to Paragraph 36(a), (b), or (c), Settling Defendants shall proceed to take any action required by the plan, report, or other item, as approved or modified by EPA subject only to their

right to invoke the Dispute Resolution procedures set forth in Section XIX (Dispute Resolution) with respect to the modifications or conditions made by EPA. In the event that EPA modifies the submission to cure the deficiencies pursuant to Paragraph 36(c) and the submission has a material defect, EPA retains its right to seek stipulated penalties, as provided in Section XX (Stipulated Penalties).

38. Resubmission of Plans.

d. Upon receipt of a notice of disapproval pursuant to Paragraph 36(d), Settling Defendants shall, within 14 days or such longer time as specified by EPA in such notice, correct the deficiencies and resubmit the plan, report, or other item for approval. Any stipulated penalties applicable to the submission, as provided in Section XX, shall accrue during the 14-day period or otherwise specified period but shall not be payable unless the resubmission is disapproved or modified due to a material defect as provided in Paragraphs 39 and 40.

e. Notwithstanding the receipt of a notice of disapproval pursuant to Paragraph 36(d), Settling Defendants shall proceed, at the direction of EPA, to take any action required by any non-deficient portion of the submission. Implementation of any non-deficient portion of a submission shall not relieve Settling Defendants of any liability for stipulated penalties under Section XX (Stipulated Penalties).

39. In the event that a resubmitted plan, report or other item, or portion thereof, is disapproved by EPA, EPA may again require the Settling Defendants to correct the deficiencies, in accordance with the preceding Paragraphs. EPA also retains the right to modify or develop the plan, report or other item. Settling Defendants shall implement any such plan, report, or item

as modified or developed by EPA, subject only to their right to invoke the procedures set forth in Section XIX (Dispute Resolution).

40. If upon resubmission, a plan, report, or item is disapproved or modified by EPA due to a material defect, Settling Defendants shall be deemed to have failed to submit such plan, report, or item timely and adequately unless the Settling Defendants invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution) and EPA's action is overturned pursuant to that Section. The provisions of Section XIX (Dispute Resolution) and Section XX (Stipulated Penalties) shall govern the implementation of the Work and accrual and payment of any stipulated penalties during Dispute Resolution. If EPA's disapproval or modification is upheld, stipulated penalties shall accrue for such violation from the date on which the initial submission was originally required, as provided in Section XX.

41. All plans, reports, and other items required to be submitted to EPA under this Consent Decree shall, upon approval or modification by EPA, be enforceable under this Consent Decree. In the event EPA approves or modifies a portion of a plan, report, or other item required to be submitted to EPA under this Consent Decree, the approved or modified portion shall be enforceable under this Consent Decree.

XII. Project Coordinators

42. Within 20 days of lodging this Consent Decree, Settling Defendants and EPA will notify each other, in writing, of the name, address and telephone number of their respective designated Project Coordinators. If a Project Coordinator initially designated is changed, the identity of the successor will be given to the other Parties at least 5 working days before the

changes occur, unless impracticable, but in no event later than the actual day the change is made.

The Settling Defendants' Project Coordinator shall be subject to disapproval by EPA and shall have the technical expertise sufficient to adequately oversee all aspects of the Work. The Settling Defendants' Project Coordinator shall not be an attorney for any of the Settling Defendants in this matter. He or she may assign other representatives, including other contractors, to serve as a Sites representative for oversight of performance of daily operations during remedial activities.

43. Plaintiff may designate other representatives, including, but not limited to, EPA employees, and federal contractors and consultants, to observe and monitor the progress of any activity undertaken pursuant to this Consent Decree. EPA's Project Coordinator shall have the authority lawfully vested in a Remedial Project Manager ("RPM") and an On-Scene Coordinator ("OSC") by the National Contingency Plan, 40 C.F.R. Part 300. In addition, EPA's Project Coordinator shall have authority, consistent with the National Contingency Plan, to halt any Work required by this Consent Decree and to take any necessary response action when s/he determines that conditions at the Sites constitute an emergency situation or may present an immediate threat to public health or welfare or the environment due to release or threatened release of Waste Material.

44. EPA's Project Coordinator and the Settling Defendants' Project Coordinator will meet, at a minimum, on a monthly basis.

XIII. Performance Guarantee

45. In order to ensure the full and final completion of the Work, Settling Defendants shall establish and maintain a Performance Guarantee for the benefit of EPA in the amount of **\$4,300,000** (hereinafter "Estimated Cost of the Work") in one or more of the following forms, which must be satisfactory in form and substance to EPA:

a. A surety bond unconditionally guaranteeing payment and/or performance of the Work that is issued by a surety company among those listed as acceptable sureties on Federal bonds as set forth in Circular 570 of the U.S. Department of the Treasury;

b. One or more irrevocable letters of credit, payable to or at the direction of EPA, that is issued by one or more financial institution(s) (i) that has the authority to issue letters of credit and (ii) whose letter-of-credit operations are regulated and examined by a U.S. Federal or State agency;

c. A trust fund established for the benefit of EPA that is administered by a trustee (i) that has the authority to act as a trustee and (ii) whose trust operations are regulated and examined by a U.S. Federal or State agency;

d. A policy of insurance that (i) provides EPA with acceptable rights as a beneficiary thereof; and (ii) is issued by an insurance carrier (a) that has the authority to issue insurance policies in the applicable jurisdiction(s) and (b) whose insurance operations are regulated and examined by a State agency;

e. A demonstration by one or more Settling Defendants that each such Settling Defendant meets the financial test criteria of 40 C.F.R. § 264.143(f) with respect to the

Estimated Cost of the Work, provided that all other requirements of 40 C.F.R. § 264.143(f) are satisfied; or

f. A written guarantee to fund or perform the Work executed in favor of EPA by one or more of the following: (i) a direct or indirect parent company of a Settling Defendant, or (ii) a company that has a "substantial business relationship" (as defined in 40 C.F.R. § 264.141(h)) with at least one Settling Defendant; provided, however, that any company providing such a guarantee must demonstrate to the satisfaction of EPA that it satisfies the financial test requirements of 40 C.F.R. § 264.143(f) with respect to the Estimated Cost of the Work that it proposes to guarantee hereunder.

46. If at any time during the effective period of this Consent Decree, the Settling Defendants provide a Performance Guarantee for completion of the Work by means of a demonstration or guarantee pursuant to Paragraph 45(e) or Paragraph 45(f) above, Settling Defendants shall also comply with the other relevant requirements of 40 C.F.R. § 264.143(f), 40 C.F.R. § 264.151(f), and 40 C.F.R. § 264.151(h)(1) relating to these methods unless otherwise provided in this Consent Decree, including but not limited to (i) the initial submission of required financial reports and statements from the relevant entity's chief financial officer and independent certified public accountant; (ii) the annual re-submission of such reports and statements within ninety days after the close of each such entity's fiscal year; and (iii) the notification of EPA within ninety days after the close of any fiscal year in which such entity no longer satisfies the financial test requirements set forth at 40 C.F.R. § 264.143(f)(1). For purposes of the Performance Guarantee methods specified in this Section XIII, references in 40 C.F.R. Part 264, Subpart H, to "closure," "post-closure," and "plugging and abandonment" shall be deemed to refer to the Work required under this Consent Decree, and the terms "current closure cost

estimate," "current post-closure cost estimate," and "current plugging and abandonment cost estimate" shall be deemed to refer to the Estimated Cost of the Work.

47. In the event that EPA determines at any time that a Performance Guarantee provided by any Settling Defendant pursuant to this Section is inadequate or otherwise no longer satisfies the requirements set forth in this Section, whether due to an increase in the estimated cost of completing the Work or for any other reason, or in the event that any Settling Defendant becomes aware of information indicating that a Performance Guarantee provided pursuant to this Section is inadequate or otherwise no longer satisfies the requirements set forth in this Section, whether due to an increase in the estimated cost of completing the Work or for any other reason, Settling Defendants, within thirty days of receipt of notice of EPA's determination or, as the case may be, within thirty days of any Settling Defendant becoming aware of such information, shall obtain and present to EPA for approval a proposal for a revised or alternative form of Performance Guarantee listed in Paragraph 45 of this Consent Decree that satisfies all requirements set forth in this Section XIII. In seeking approval for a revised or alternative form of Performance Guarantee, Settling Defendants shall follow the procedures set forth in Paragraph 49(b)(ii) of this Consent Decree. Settling Defendants' inability to post a Performance Guarantee for completion of the Work shall in no way excuse performance of any other requirements of this Consent Decree, including, without limitation, the obligation of Settling Defendants to complete the Work in strict accordance with the terms hereof.

48. The commencement of any Work Takeover pursuant to Paragraph 87 of this Consent Decree shall trigger EPA's right to receive the benefit of any Performance Guarantee(s) provided pursuant to Paragraph 45(a), (b), (c), (d), or (f), and at such time EPA shall have immediate access to resources guaranteed under any such Performance Guarantee(s), whether in cash or in

kind, as needed to continue and complete the Work assumed by EPA under the Work Takeover. If for any reason EPA is unable to promptly secure the resources guaranteed under any such Performance Guarantee(s), whether in cash or in kind, necessary to continue and complete the Work assumed by EPA under the Work Takeover, or in the event that the Performance Guarantee involves a demonstration of satisfaction of the financial test criteria pursuant to Paragraph 45(e), Settling Defendants shall immediately upon written demand from EPA deposit into an account specified by EPA, in immediately available funds and without setoff, counterclaim, or condition of any kind, a cash amount up to but not exceeding the estimated cost of the remaining Work to be performed as of such date, as determined by EPA.

49. Modification of Amount and/or Form of Performance Guarantee.

a. Reduction of Amount of Performance Guarantee. If Settling Defendants believe that the estimated cost to complete the remaining Work has diminished below the amount set forth in Paragraph 45 above, Settling Defendants may, on any anniversary date of entry of this Consent Decree, or at any other time agreed to by the Parties, petition EPA in writing to request a reduction in the amount of the Performance Guarantee provided pursuant to this Section so that the amount of the Performance Guarantee is equal to the estimated cost of the remaining Work to be performed. Settling Defendants shall submit a written proposal for such reduction to EPA that shall specify, at a minimum, the cost of the remaining Work to be performed and the basis upon which such cost was calculated. In seeking approval for a revised or alternative form of Performance Guarantee, Settling Defendants shall follow the procedures set forth in Paragraph 49(b)(ii) of this Consent Decree. If EPA decides to accept such a proposal, EPA shall notify the petitioning Settling Defendants of such decision in writing. After

receiving EPA's written acceptance, Settling Defendants may reduce the amount of the Performance Guarantee in accordance with and to the extent permitted by such written acceptance. In the event of a dispute, Settling Defendants may reduce the amount of the Performance Guarantee required hereunder only in accordance with a final administrative or judicial decision resolving such dispute. No change to the form or terms of any Performance Guarantee provided under this Section, other than a reduction in amount, is authorized except as provided in Paragraphs 47 or 49(b) of this Consent Decree.

b. Change of Form of Performance Guarantee.

(i) If, after entry of this Consent Decree, Settling Defendants desire to change the form or terms of any Performance Guarantee(s) provided pursuant to this Section, Settling Defendants may, on any anniversary date of entry of this Consent Decree, or at any other time agreed to by the Parties, petition EPA in writing to request a change in the form of the Performance Guarantee provided hereunder. The submission of such proposed revised or alternative form of Performance Guarantee shall be as provided in Paragraph 49(b)(ii) of this Consent Decree. Any decision made by EPA on a petition submitted under this subparagraph (b)(i) shall be made in EPA's sole and unreviewable discretion, and such decision shall not be subject to challenge by Settling Defendants pursuant to the dispute resolution provisions of this Consent Decree or in any other forum.

(ii) Settling Defendants shall submit a written proposal for a revised or alternative form of Performance Guarantee to EPA which shall specify, at a minimum, the estimated cost of the remaining Work to be performed, the basis upon which such cost was

calculated, and the proposed revised form of Performance Guarantee, including all proposed instruments or other documents required in order to make the proposed Performance Guarantee legally binding. The proposed revised or alternative form of Performance Guarantee must satisfy all requirements set forth or incorporated by reference in this Section. Settling Defendants shall submit such proposed revised or alternative form of Performance Guarantee to the EPA Financial Management Officer in accordance with Section XXVI ("Notices and Submissions") of this Consent Decree. EPA shall notify Settling Defendants in writing of its decision to accept or reject a revised or alternative Performance Guarantee submitted pursuant to this subparagraph. Within ten days after receiving a written decision approving the proposed revised or alternative Performance Guarantee, Settling Defendants shall execute and/or otherwise finalize all instruments or other documents required in order to make the selected Performance Guarantee(s) legally binding in a form substantially identical to the documents submitted to EPA as part of the proposal, and such Performance Guarantee(s) shall thereupon be fully effective. Settling Defendants shall submit all executed and/or otherwise finalized instruments or other documents required in order to make the selected Performance Guarantee(s) legally binding to the EPA Financial Management Officer within thirty days of receiving a written decision approving the proposed revised or alternative Performance Guarantee in accordance with Section XXVI ("Notices and Submissions") of this Consent Decree and to the United States and EPA as specified in Section XXVI.

c. Release of Performance Guarantee. If Settling Defendants receive written notice from EPA in accordance with Paragraph 51 hereof that the Work has been fully and finally completed in accordance with the terms of this Consent Decree, or if EPA otherwise so notifies Settling Defendants in writing, Settling Defendants may thereafter release, cancel, or

discontinue the Performance Guarantee(s) provided pursuant to this Section. Settling Defendants shall not release, cancel, or discontinue any Performance Guarantee provided pursuant to this Section except as provided in this subparagraph. In the event of a dispute, Settling Defendants may release, cancel, or discontinue the Performance Guarantee(s) required hereunder only in accordance with a final administrative or judicial decision resolving such dispute.

XIV. Certification of Completion

50. Completion of Construction Certification

a. Within 30 days after Settling Defendants believe they have completed the construction of all components of the Remedial Action, they shall notify EPA and the State in writing. Settling Defendants shall schedule and conduct a pre-certification inspection to be attended by Settling Defendants, EPA and the State to determine whether the Remedial Action has been constructed in accordance with the ROD, the Remedial Design, this Consent Decree, the SOW, any construction contract specifications established pursuant thereto, and any modifications thereto.

b. Based on the pre-certification inspection, EPA and the State shall submit in writing to the Settling Defendants comments regarding whether construction has been completed in accordance with this Consent Decree. If, after taking all action in response to the written comments by EPA and the State, the Settling Defendants believe construction is complete, subject to a punch list of minor items, Settling Defendants shall submit the Final Remedial Construction Report prepared by a professional engineer registered in New Jersey stating that all components of the Remedial Action have been constructed in accordance with the ROD, the Remedial Design, this Consent Decree, the SOW, any construction contract

specifications established pursuant thereto, and any modifications thereto. The Final Remedial Construction Report shall contain the punch list of minor items to be completed. The Final Remedial Construction Report shall contain the following statement, signed by a responsible corporate official of a Settling Defendant or the Settling Defendants' Project Coordinator:

To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If, after the pre-certification inspection and review of the Final Remedial Construction Report, and upon completion of all punch list items by the Settling Defendants, EPA, after a reasonable opportunity for review and comment by the State, determines that construction has been completed, EPA will so notify the Settling Defendants in writing.

If, after the pre-certification inspection and the review of the Final Remedial Construction Report, EPA, after a reasonable opportunity for review and comment by the State, determines that any portion of the construction has not been completed, EPA will notify Settling Defendants of the activities that must be undertaken to complete construction. Settling Defendants shall undertake all activities described in the notice, in accordance with the specifications and schedules established therein, subject to their right to invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution). Upon a finding by EPA, after a reasonable opportunity for review and comment by the State, that the work described in the notice has been completed, EPA will so notify the Settling Defendants in writing.

51. Completion of the Work.

a. Within 90 days after Settling Defendants conclude that all phases of the Work have been fully performed, Settling Defendants shall schedule and conduct a pre-certification inspection to be attended by Settling Defendants and EPA. If, after the pre-certification inspection, the Settling Defendants still believe that the Work has been fully performed, Settling Defendants shall submit a written report by a registered professional engineer stating that the Work has been completed in full satisfaction of the requirements of this Consent Decree. The report shall contain the following statement, signed by a responsible corporate official of a Settling Defendant or the Settling Defendants' Project Coordinator:

To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If, after review of the written report, EPA, after reasonable opportunity to review and comment by the State, determines that any portion of the Work has not been completed in accordance with this Consent Decree, EPA will notify Settling Defendants in writing of the activities that must be undertaken by Settling Defendants pursuant to this Consent Decree to complete the Work, provided, however, that EPA may only require Settling Defendants to perform such activities pursuant to this Paragraph to the extent that such activities are consistent with the "scope of the remedy selected in the ROD," as that term is defined in Paragraph 13.b. EPA will set forth in the notice a schedule for performance of such activities consistent with the Consent Decree and the SOW or require the Settling Defendants to submit a schedule to EPA for approval pursuant to Section XI (EPA Approval of Plans and Other Submissions). Settling Defendants shall perform all activities described in the notice in accordance with the specifications and schedules

established therein, subject to their right to invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution).

b. If EPA concludes, based on the initial or any subsequent request for Certification of Completion by Settling Defendants and after a reasonable opportunity for review and comment by the State, that the Work has been performed in accordance with this Consent Decree, EPA will so notify the Settling Defendants in writing.

XV. Emergency Response

52. In the event of any action or occurrence during the performance of the Work which causes or threatens a release of Waste Material from the Sites that constitutes an emergency situation or may present an immediate threat to public health or welfare or the environment, Settling Defendants shall, subject to Paragraph 53, immediately take all appropriate action to prevent, abate, or minimize such release or threat of release, and shall immediately notify the EPA's Project Coordinator. If EPA's Project Coordinator is not available, the Settling Defendants shall notify the EPA Superfund Hotline, Region 2, at (732) 548-8730. Settling Defendants shall take such actions in consultation with EPA's Project Coordinator or other available authorized EPA officer and in accordance with all applicable provisions of the Health and Safety Plans, the Contingency Plans, and any other applicable plans or documents developed pursuant to the SOW. In the event that Settling Defendants fail to take appropriate response action as required by this Section, and EPA takes such action instead, Settling Defendants shall reimburse EPA all costs of the response action not inconsistent with the NCP pursuant to Section XVI (Payments for Response Costs).

53. Nothing in the preceding Paragraph or in this Consent Decree shall be deemed to limit any authority of the United States a) to take all appropriate action to protect human health and the environment or to prevent, abate, respond to, or minimize an actual or threatened release of Waste Material on, at, or from the Sites, or b) to direct or order such action, or seek an order from the Court, to protect human health and the environment or to prevent, abate, respond to, or minimize an actual or threatened release of Waste Material on, at, or from the Sites, subject to Section XXI (Covenants Not to Sue by Plaintiff).

XVI. Payments for Response Costs

54. As soon as reasonably practicable after the Effective Date, and consistent with subparagraph 54.b., the United States, on behalf of the Settling Federal Agency, shall make the payments described in this paragraph:

a. The United States will pay \$1,739,245.62, which the parties agree is an amount equal to the sum of Settling Federal Agency's allocated share of Past Costs, Future Costs (including Interim Costs), Settling Defendants' Operable Unit One Response Costs, and the estimated total of Settling Defendants' Operable Unit Two Response Costs. This payment amount was calculated based upon an estimated cost for performance of the Work of \$4,329,082. Settling Federal Agency's payment shall be made as follows:

(i). \$863,579.41 will be paid to the EPA Hazardous Substance Superfund to cover the entirety of Past Response Costs:

(A). The total amount to be paid pursuant to this subparagraph shall be deposited into the ARC Site Special Account within the EPA Hazardous Substance Superfund to be retained and used to conduct or finance response actions at or in connection with the ARC Site, or to be transferred by EPA to the EPA Hazardous Substance Superfund.

(B). If the payment to the EPA Hazardous Substance Superfund required by this subparagraph is not made as soon as reasonably practicable, the appropriate EPA Regional Branch Chief may raise any issues relating to payment to the appropriate U.S. Department of Justice ("DOJ") Assistant Section Chief for the Environmental Defense Section. In any event, if this payment is not made within 120 days after the Effective Date, EPA and DOJ have agreed to resolve the issue within 30 days, in accordance with a letter agreement dated December 28, 1998.

(ii). The remaining \$875,666.21 shall be paid to the ARC/HRDD RD/RA Trust Fund ("RD/RA Trust Fund"), pursuant to the executed RD/RA Trust Fund Agreement or Declaration of Trust attached hereto as Appendix F. Payment shall be made by Electronic Funds Transfer as follows:

To: Citibank, N.A. for the account of Citigroup Global Markets/Smith Barney, New York, N.Y. 10004, Account Code 30604518;

For further credit to: ARC/HRDD RD/RA Trust # 726-07403-16-210; and

ABA routing number: 021000089.

Money paid into the RD/RA Trust Fund by the Settling Federal Agency shall be used solely to pay for the Work pursuant to this Consent Decree.

(iii). In the event that payments required by this paragraph are not made within 120 days of the Effective Date, Interest on the unpaid balance shall be paid at the rate established pursuant to Section 107(a) of CERCLA, 42 U.S.C. § 9607(a), commencing on the Effective Date and accruing through the date of the payment.

b. The United States, on behalf of the Settling Federal Agency, further agrees that it shall make additional payments equal to its allocated share of the Settling Defendants' Operable Unit Two Response Costs in the event that the cost to perform the Work exceeds the Settling Defendants' estimated cost of \$4,329,082. The United States, on behalf of the Settling Federal Agency, shall pay into the RD/RA Trust Fund its allocated share of Settling Defendants' Operable Unit Two Response Costs in excess of \$4,329,082 (the "Reopener Amount") incurred performing the Work under this Consent Decree, including the Settling Federal Agency's allocated share of the Future Response Costs paid by the Settling Defendants and any response actions taken pursuant to Section VII.

(i). The United States' allocated share of Settling Defendants' Operable Unit Two Costs shall be based upon the Settling Federal Agency's volumetric share of 4,395,461.04 pounds of material reportedly shipped to the ARC Site as a proportion of the total volumetric share of 15,950,992.80 pounds of material reportedly shipped to the ARC Site by the Settling Defendants, the Settling Federal Agency and other ARC Site customers who are participating in a private allocation process with the Settling Defendants. In the event that any Settling Defendant files for bankruptcy and cannot pay its share, the Settling Defendants shall notify the Settling Federal Agency and shall allocate said bankrupt Settling Defendant's share of

such contribution proportionately among all other Settling Defendants and the Settling Federal Agency.

(ii) Settling Defendants' claims for payment shall be made in accordance with the following provisions:

A. The Settling Defendants may submit claims to the Section Chief of the Environmental Defense Section, whose address is listed in Section XXXIII, no more often than every six months.

B. The Settling Defendants shall include with such claims a certified accounting as to the incurrence and payment of the Reopener Amount (with the first submission); EPA's request for Future Response Costs; a statement of Settling Defendants' Operable Unit Two Response Costs incurred during the period covered by the statement; sufficient documentation to allow verification of the accuracy and payment of the costs claimed; and the following certification:

Being duly authorized by each Settling Defendant, I, _____, certify (1) that Settling Defendants have incurred Operable Unit Two Costs in excess of \$4,329,082; (2) that the Settling Defendants Operable Unit Two Costs in excess of \$4,329,082 and referenced in the attached invoice were properly incurred during the period beginning _____ and ending _____ ("Covered Period"); (3) that the invoiced costs were incurred consistent with the National Contingency Plan, the EPA Operable Unit 2 Record of Decision for the Horseshoe Road and Atlantic Resources Corporation Sites, and the RD/RA Consent Decree, entered on or about _____, 2006 in the case styled United States v. _____, Civil Action No. _____ ("RD/RA Consent Decree"); (4) that the invoiced costs have been paid in full; and (5) that payment by the

United States of the invoiced costs (in full or as agreed at the conclusion of any dispute resolution) shall be accepted by Settling Defendants as payment in full of all sums owed by the United States under the RD/RA Consent Decree for the Settling Federal Agency's allocated share of response costs incurred during the Covered Period.

(iii) The Dispute Resolution provisions of this Consent Decree do not apply to disputes raised pursuant to this paragraph or payment disputes between the Settling Defendants and the Settling Federal Agency. Instead, if the Settling Federal Agency in good faith questions or contests any invoiced Settling Defendants' Operable Unit Two Response Costs under this subparagraph, the Settling Federal Agency shall have the right to request additional documentation from the Settling Defendants. The Settling Federal Agency shall further have the right to withhold payment of such disputed amount; provided, however, that the Settling Federal Agency shall give the Settling Defendants written notice concisely describing the matter(s) in dispute within 60 days of the receipt of such demand for payment of additional Response Costs and shall promptly make a good faith offer to resolve the dispute. Representatives of each party involved in the dispute shall promptly confer and expeditiously attempt, in good faith, to resolve the dispute. The negotiations may involve such consultation, communications and meetings as may be effective in satisfactorily resolving the dispute. Any party may apply to the Court for relief if the dispute is not resolved by the parties within 60 days after receipt of the notice. Any such dispute shall not excuse performance by the Settling Defendants of their obligations under this Consent Decree.

(iv) In the event that payment of undisputed costs contained in the written demand is not made within 120 days of the date of receipt of the demand for payment of

such costs, Interest on the unpaid balance shall be paid at the rate established pursuant to Section 107(a) of CERCLA, 42 U.S. C. § 9607(a), commencing on the 121st day after the Settling Federal Agency agreement to pay the additional response costs and accruing through the date of payment.

(v) Sums paid under this subparagraph (b) shall be paid to the RD/RA Trust Fund. Payment shall be made by Electronic Funds Transfer in accordance with instructions to be provided by the Settling Defendants.

55. The United States, on behalf of the Settling Federal Agency, shall not be responsible for any portion of Settling Defendants' Stipulated Penalties, as described in Section XX, relating to any Work conducted under this Consent Decree.

56. The Parties to this Consent Decree recognize and acknowledge that the payment obligations of the Settling Federal Agency under this Consent Decree can only be paid from appropriated funds legally available for such purpose. Nothing in this Consent Decree shall be interpreted or construed as a commitment or requirement that any Settling Federal Agency obligate or pay funds in contravention of the Anti-Deficiency Act, 31 U.S.C. § 1341, or any other applicable provision of law.

57. Payments for Future Response Costs.

a. Settling Defendants shall pay to EPA all Future Response Costs not inconsistent with the National Contingency Plan. On a periodic basis the United States will send Settling Defendants bills requiring payment that include a SCORPIOS Report and DOJ-prepared

cost summary. Settling Defendants shall make all payments within 30 days of Settling Defendants' receipt of each bill requiring payment, except as otherwise provided in Paragraph 58. Payment shall be made to EPA by Electronic Funds Transfer ("EFT") to Mellon Bank, Pittsburgh, Pennsylvania, as follows: Settling Defendants shall provide the following information to their bank: (i) Amount of payment; (ii) Title of Mellon Bank Account to receive the payment: EPA; (iii) Account Code for Mellon Bank Account receiving the payment: 9108544; (iv) Mellon Bank ABA Routing Number: 043000261; (v) Name of Settling Defendants; (vi) Docket Number CERCLA 02-2005-2010; and (viii) Site/Spill Identifier: 02-BT.

b. At the time of payment, Settling Defendants shall send notice that payment has been made to the United States, to EPA and to the EPA Financial Management Officer, in accordance with Section XXVI (Notices and Submissions).

c. The total amount to be paid by Settling Defendants pursuant to Subparagraph 57.a. shall be deposited in the ARC or HRDD Site Special Accounts within the EPA Hazardous Substance Superfund to be retained and used to conduct or finance response actions at or in connection with the ARC or HRDD Sites, or to be transferred by EPA to the EPA Hazardous Substance Superfund.

58. Settling Defendants may contest payment of any Future Response Costs under Paragraph 57 if they determine that the United States has made a mathematical error or if they allege that a cost item that is included represents costs that are inconsistent with the NCP. Such objection shall be made in writing within 30 days of receipt of the bill and must be sent to the United States pursuant to Section XXVI (Notices and Submissions). Any such objection shall

specifically identify the contested Future Response Costs and the basis for objection. In the event of an objection, the Settling Defendants shall within the 30 day period pay all uncontested Future Response Costs to the United States in the manner described in Paragraph 57.

Simultaneously, the Settling Defendants shall establish an interest-bearing escrow account in a federally-insured bank duly chartered in the State of New Jersey and remit to that escrow account funds equivalent to the amount of the contested Future Response Costs. The Settling Defendants shall send to the United States, as provided in Section XXVI (Notices and Submissions), a copy of the transmittal letter and check paying the uncontested Future Response Costs, and a copy of the correspondence that establishes and funds the escrow account, including, but not limited to, information containing the identity of the bank and bank account under which the escrow account is established as well as a bank statement showing the initial balance of the escrow account. Simultaneously with establishment of the escrow account, the Settling Defendants shall initiate the Dispute Resolution procedures in Section XIX (Dispute Resolution). If the United States prevails in the dispute, within 5 days of the resolution of the dispute, the Settling Defendants shall pay the sums due (with accrued interest) to the United States in the manner described in Paragraph 57. If the Settling Defendants prevail concerning any aspect of the contested costs, the Settling Defendants shall pay that portion of the costs (plus associated accrued interest) for which they did not prevail to the United States in the manner described in Paragraph 57; Settling Defendants shall be disbursed any balance of the escrow account. The dispute resolution procedures set forth in this Paragraph in conjunction with the procedures set forth in Section XIX (Dispute Resolution) shall be the exclusive mechanisms for resolving disputes regarding the Settling Defendants' obligation to reimburse the United States for its Future Response Costs.

59. In the event that the payments required by Subparagraph 57.a. are not made within 30 days of the Effective Date or the payments required by Paragraph 57 are not made within 30 days of the Settling Defendants' receipt of the bill, Settling Defendants shall pay Interest on the unpaid balance. The Interest to be paid on Past Response Costs under this Paragraph shall begin to accrue on the Effective Date. The Interest on Future Response Costs shall begin to accrue on the date of the bill. The Interest shall accrue through the date of the Settling Defendants' payment. Payments of Interest made under this Paragraph shall be in addition to such other remedies or sanctions available to Plaintiff by virtue of Settling Defendants' failure to make timely payments under this Section including, but not limited to, payment of stipulated penalties pursuant to Paragraph 74. The Settling Defendants shall make all payments required by this Paragraph in the manner described in Paragraph 57.

XVII. Indemnification and Insurance

60. Settling Defendants' Indemnification of the United States.

a. The United States does not assume any liability by entering into this agreement or by virtue of any designation of Settling Defendants as EPA's authorized representatives under Section 104(e) of CERCLA. Settling Defendants shall indemnify, save and hold harmless the United States (with the exception of the Settling Federal Agencies) and its officials, agents, employees, contractors, subcontractors, or representatives for or from any and all claims or causes of action arising from, or on account of, negligent or other wrongful acts or omissions of Settling Defendants, their officers, directors, employees, agents, contractors, subcontractors, and any persons acting on their behalf or under their control, in carrying out activities pursuant to this Consent Decree, including, but not limited to, any claims arising from

any designation of Settling Defendants as EPA's authorized representatives under Section 104(e) of CERCLA. Further, the Settling Defendants agree to pay the United States all costs it incurs including, but not limited to, attorneys fees and other expenses of litigation and settlement arising from, or on account of, claims made against the United States based on negligent or other wrongful acts or omissions of Settling Defendants, their officers, directors, employees, agents, contractors, subcontractors, and any persons acting on their behalf or under their control, in carrying out activities pursuant to this Consent Decree. The United States shall not be held out as a party to any contract entered into by or on behalf of Settling Defendants in carrying out activities pursuant to this Consent Decree. Neither the Settling Defendants nor any such contractor shall be considered an agent of the United States.

b. The United States shall give Settling Defendants notice of any claim for which the United States plans to seek indemnification pursuant to Paragraph 60, and shall consult with Settling Defendants prior to settling such claim.

61. Settling Defendants waive all claims against the United States for damages or reimbursement or for set-off of any payments made or to be made to the United States, arising from or on account of any contract, agreement, or arrangement between any one or more of Settling Defendants and any person for performance of Work on or relating to the Sites, including, but not limited to, claims on account of construction delays. In addition, Settling Defendants shall indemnify and hold harmless the United States with respect to any and all claims for damages or reimbursement arising from or on account of any contract, agreement, or arrangement between any one or more of Settling Defendants and any person for performance of

Work on or relating to the Sites, including, but not limited to, claims on account of construction delays.

62. No later than 15 days before commencing any on-site Work, and except as otherwise provided in this paragraph, Settling Defendants shall secure, or shall require their contractors to secure, and shall maintain until the first anniversary of EPA's Certification of Completion pursuant to Subparagraph 51.b. of Section XIV (Certification of Completion) comprehensive general liability insurance with limits of 5 million dollars, combined single limit, and automobile liability insurance with limits of 5 million dollars, combined single limit, naming the United States as an additional insured. Settling Defendants may maintain comprehensive general liability insurance and automobile liability insurance with limits of 1 (one) million dollars each in the period between the first anniversary of EPA's Completion of Construction Certification pursuant to Subparagraph 50.b. of Section XIV and the first anniversary of EPA's Certification of Completion of the Work pursuant to Subparagraph 51.b. of Section XIV (Certification of Completion). In addition, for the duration of this Consent Decree, Settling Defendants shall satisfy, or shall ensure that their contractors or subcontractors satisfy, all applicable laws and regulations regarding the provision of worker's compensation insurance for all persons performing the Work on behalf of Settling Defendants in furtherance of this Consent Decree. Prior to commencement of the Work under this Consent Decree, Settling Defendants shall provide to EPA certificates of such insurance and a copy of each insurance policy. Settling Defendants shall resubmit such certificates and copies of policies each year on the anniversary of the Effective Date. If Settling Defendants demonstrate by evidence satisfactory to EPA that any contractor or subcontractor maintains insurance equivalent to that described above, or insurance covering the same risks but in a lesser amount, then, with respect to that contractor or

subcontractor, Settling Defendants need provide only that portion of the insurance described above which is not maintained by the contractor or subcontractor.

XVIII. Force Majeure

63. "Force majeure," for purposes of this Consent Decree, is defined as any event arising from causes beyond the control of the Settling Defendants, of any entity controlled by Settling Defendants, or of Settling Defendants' contractors, that delays or prevents the performance of any obligation under this Consent Decree despite Settling Defendants' best efforts to fulfill the obligation. The requirement that the Settling Defendants exercise "best efforts to fulfill the obligation" includes using best efforts to anticipate any potential force majeure event and best efforts to address the effects of any potential force majeure event (1) as it is occurring and (2) following the potential force majeure event, such that the delay is minimized to the greatest extent practicable. "Force Majeure" does not include financial inability to complete the Work or a failure to attain the Performance Standards.

64. If any event occurs or has occurred that may delay the performance of any obligation under this Consent Decree, whether or not caused by a force majeure event, the Settling Defendants shall notify orally EPA's Project Coordinator or, in his or her absence, the Director of the Emergency and Remedial Response Division, EPA Region 2, within forty-eight (48) hours of when Settling Defendants first knew that the event might cause a delay. Within five (5) days thereafter, Settling Defendants shall provide in writing to EPA an explanation and description of the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; the Settling Defendants'

rationale for attributing such delay to a force majeure event if they intend to assert such a claim; and a statement as to whether, in the opinion of the Settling Defendants, such event may cause or contribute to an endangerment to public health, welfare or the environment. The Settling Defendants shall include with any notice all available documentation supporting their claim that the delay was attributable to a force majeure. Failure to comply with the above requirements shall preclude Settling Defendants from asserting any claim of force majeure for that event for the period of time of such failure to comply, and for any additional delay caused by such failure. Settling Defendants shall be deemed to know of any circumstance of which Settling Defendants, any entity controlled by Settling Defendants, or Settling Defendants' contractors knew or should have known.

65. If EPA agrees that the delay or anticipated delay is attributable to a force majeure event, the time for performance of the obligations under this Consent Decree that are affected by the force majeure event will be extended by EPA for such time as is necessary to complete those obligations. An extension of the time for performance of the obligations affected by the force majeure event shall not, of itself, extend the time for performance of any other obligation. If EPA does not agree that the delay or anticipated delay has been or will be caused by a force majeure event, EPA will notify the Settling Defendants in writing of its decision. If EPA agrees that the delay is attributable to a force majeure event, EPA will notify the Settling Defendants in writing of the length of the extension, if any, for performance of the obligations affected by the force majeure event.

66. If the Settling Defendants elect to invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution), they shall do so no later than 15 days after receipt of EPA's notice. In any such proceeding, Settling Defendants shall have the burden of

demonstrating by a preponderance of the evidence that the delay or anticipated delay has been or will be caused by a force majeure event, that the duration of the delay or the extension sought was or will be warranted under the circumstances, that best efforts were exercised to avoid and mitigate the effects of the delay, and that Settling Defendants complied with the requirements of Paragraphs 63 and 64, above. If Settling Defendants carry this burden, the delay at issue shall be deemed not to be a violation by Settling Defendants of the affected obligation of this Consent Decree identified to EPA and the Court.

XIX. Dispute Resolution

67. Unless otherwise expressly provided for in this Consent Decree, the dispute resolution procedures of this Section shall be the exclusive mechanism to resolve disputes arising under or with respect to this Consent Decree. However, the procedures set forth in this Section shall not apply to actions by the United States to enforce obligations of the Settling Defendants that have not been disputed in accordance with this Section.

68. Any dispute which arises under or with respect to this Consent Decree shall in the first instance be the subject of informal negotiations between the parties to the dispute. The period for informal negotiations shall not exceed 30 days from the time the dispute arises, unless it is modified by written agreement of the parties to the dispute. The dispute shall be considered to have arisen when one party sends the other parties a written Notice of Dispute.

69. Statements of Position.

a. In the event that the parties cannot resolve a dispute by informal negotiations under the preceding Paragraph, then the position advanced by EPA shall be

considered binding unless, within fourteen (14) days after the conclusion of the informal negotiation period, Settling Defendants invoke the formal dispute resolution procedures of this Section by serving on the United States a written Statement of Position on the matter in dispute, including, but not limited to, any factual data, analysis or opinion supporting that position and any supporting documentation relied upon by the Settling Defendants. The Statement of Position shall specify the Settling Defendants' position as to whether formal dispute resolution should proceed under Paragraph 70 or Paragraph 71.

b. Within thirty (30) days after receipt of Settling Defendants' Statement of Position, EPA will serve on Settling Defendants its Statement of Position, including, but not limited to, any factual data, analysis, or opinion supporting that position and all supporting documentation relied upon by EPA. EPA's Statement of Position shall include a statement as to whether formal dispute resolution should proceed under Paragraph 70 or 71. Within fourteen (14) days after receipt of EPA's Statement of Position, Settling Defendants may submit a Reply.

c. If there is disagreement between EPA and the Settling Defendants as to whether dispute resolution should proceed under Paragraph 70 or 71, the parties to the dispute shall follow the procedures set forth in the paragraph determined by EPA to be applicable. However, if the Settling Defendants ultimately appeal to the Court to resolve the dispute, the Court shall determine which paragraph is applicable in accordance with the standards of applicability set forth in Paragraphs 70 and 71.

70. Formal dispute resolution for disputes pertaining to the selection or adequacy of any response action and all other disputes that are accorded review on the administrative record under applicable principles of administrative law shall be conducted pursuant to the

procedures set forth in this Paragraph. For purposes of this Paragraph, the adequacy of any response action includes, without limitation: (1) the adequacy or appropriateness of plans, procedures to implement plans, or any other items requiring approval by EPA under this Consent Decree; and (2) the adequacy of the performance of response actions taken pursuant to this Consent Decree. Nothing in this Consent Decree shall be construed to allow any dispute by Settling Defendants regarding the validity of the ROD's provisions.

a. An administrative record of the dispute shall be maintained by EPA and shall contain all statements of position, including supporting documentation, submitted pursuant to this Section. Where appropriate, EPA may allow submission of supplemental statements of position by the parties to the dispute.

b. The Director of the Emergency and Remedial Response Division, EPA Region 2, will issue a final administrative decision resolving the dispute based on the administrative record described in Paragraph 70.a. This decision shall be binding upon the Settling Defendants, subject only to the right to seek judicial review pursuant to Paragraph 70.c. and d.

c. Any administrative decision made by EPA pursuant to Paragraph 70.b. shall be reviewable by this Court, provided that a motion for judicial review of the decision is filed by the Settling Defendants with the Court and served on all Parties within 10 days of receipt of EPA's decision. The motion shall include a description of the matter in dispute, the efforts made by the parties to resolve it, the relief requested, and the schedule, if any, within which the dispute must be resolved to ensure orderly implementation of this Consent Decree. The United States may file a response to Settling Defendants' motion.

d. In proceedings on any dispute governed by this Paragraph, Settling Defendants shall have the burden of demonstrating that the decision of the Emergency and Remedial Response Division Director is arbitrary and capricious or otherwise not in accordance with law. Judicial review of EPA's decision shall be on the administrative record compiled pursuant to Paragraph 70.a.

71. Formal dispute resolution for disputes that neither pertain to the selection or adequacy of any response action nor are otherwise accorded review on the administrative record under applicable principles of administrative law, shall be governed by this Paragraph.

a. Following receipt of Settling Defendants' Statement of Position submitted pursuant to Paragraph 69, the Director of the Emergency and Remedial Response Division, EPA Region 2, will issue a final decision resolving the dispute. The Emergency and Remedial Response Division Director's decision shall be binding on the Settling Defendants unless, within 10 days of receipt of the decision, the Settling Defendants file with the Court and serve on the parties a motion for judicial review of the decision setting forth the matter in dispute, the efforts made by the parties to resolve it, the relief requested, and the schedule, if any, within which the dispute must be resolved to ensure orderly implementation of the Consent Decree. The United States may file a response to Settling Defendants' motion.

b. Notwithstanding Paragraph M of Section I (Background) of this Consent Decree, judicial review of any dispute governed by this Paragraph shall be governed by applicable principles of law.

c. The invocation of formal dispute resolution procedures under this Section shall not extend, postpone or affect in any way any obligation of the Settling Defendants

under this Consent Decree, not directly in dispute, unless EPA or the Court agrees otherwise.

Stipulated penalties with respect to the disputed matter shall continue to accrue but payment shall be stayed pending resolution of the dispute as provided in Paragraph 80. Notwithstanding the stay of payment, stipulated penalties shall accrue from the first day of noncompliance with any applicable provision of this Consent Decree. In the event that the Settling Defendants do not prevail on the disputed issue, stipulated penalties shall be assessed and paid as provided in Section XX (Stipulated Penalties).

XX. Stipulated Penalties

72. Settling Defendants shall be liable for stipulated penalties in the amounts set forth in Paragraphs 73 and 74 to the United States for failure to comply with the requirements of this Consent Decree specified below, unless excused under Section XVIII (Force Majeure). "Compliance" by Settling Defendants shall include completion of the activities under this Consent Decree or any work plan or other plan approved under this Consent Decree identified below in accordance with all applicable requirements of law, this Consent Decree, the SOW, and any plans or other documents approved by EPA pursuant to this Consent Decree and within the specified time schedules established by and approved under this Consent Decree.

73. Stipulated Penalty Amounts - Work/Reports

a. The following stipulated penalties shall accrue per violation per day for any noncompliance identified in Subparagraph 73.b.:

<u>Penalty Per Violation Per Day</u>	<u>Period of Noncompliance</u>
\$2,500	1st through 14th day
\$5,000	15th through 30th day
\$10,000	31st day and beyond

b. Compliance Milestones.

- (1) Implementation of the substantive Work Activities required in the submittals listed in (3) through (10), below, and as further described in the Remedial Design Work Plan;
- (2) Implementation of any substantive Work Activities in accordance with any Work Plan submitted by Settling Defendant and approved by EPA pursuant to Section VII of this Consent Decree;
- (3) Deadlines for submission and, if necessary, revision and resubmission of the Remedial Design Work Plan;
- (4) Deadlines for submission and, if necessary, revision and resubmission of the Preliminary (35%) Design Report;
- (5) Deadlines for submission and, if necessary, revision and resubmission of the Pre-Final (95%) Design Report;
- (6) Deadlines for submission and, if necessary, revision and resubmission of the Final (100%) Design Report;

- (7) Deadlines for submission and, if necessary, revision and resubmission of the Remedial Action Work Plan;
- (8) Deadlines for Remedial Action, as specified in the Remedial Action Work Plan or approved Design Report;
- (9) Deadlines for submission and, if necessary, revision and resubmission of the long-term Monitoring Plan associated with the remediation of the source areas; and,
- (10) Deadlines for submission and, if necessary, revision and resubmission of the Notice of Completion and Final Report for Remedial Action.

74. Stipulated Penalty Amounts - Miscellaneous

a. The following stipulated penalties shall accrue per violation per day for failure to submit timely or adequate reports, payments, or other written documents pursuant to any of the following requirements specified in 1 through 5 below:

<u>Penalty Per Violation Per Day</u>	<u>Period of Noncompliance</u>
\$ 1,000	1st through 14th day
\$ 2,000	15th through 30th day
\$ 4,000	31st day and beyond

1. Performance Guarantee pursuant to Section XIII of the Consent Decree;

2. Submission of the name of the Project Coordinator to EPA;
3. Reporting Requirements set forth in Section X;
4. Compliance with any requirement of this Consent Decree not otherwise included in 1-10 in Paragraph 73.b., above; and,
5. Requirements for the payment of all costs or interest required by this Consent Decree

75. In the event that EPA assumes performance of a portion or all of the Work pursuant to Paragraph 87 of Section XXI (Covenants by Plaintiff), Settling Defendants shall be liable for a stipulated penalty in the amount of \$750,000. EPA agrees that any stipulated penalty assessed against Settling Defendants pursuant to this paragraph shall be reduced, if appropriate, by the percentage of Work completed by Settling Defendants (to be determined by EPA in its sole discretion).

76. All penalties shall begin to accrue on the day after the complete performance is due or the day a violation occurs, and shall continue to accrue through the final day of the correction of the noncompliance or completion of the activity. However, stipulated penalties shall not accrue: (1) with respect to a deficient submission under Section XI (EPA Approval of Plans and Other Submissions), during the period, if any, beginning on the 31st day after EPA's receipt of such submission until the date that EPA notifies Settling Defendants of any deficiency; (2) with respect to a decision by the Director of the Emergency and Remedial Response Division, EPA Region 2, under Paragraph 70.b. or 71.a. of Section XIX (Dispute Resolution), during the period, if any, beginning on the 21st day after the date that Settling Defendants' reply

to EPA's Statement of Position is received until the date that the Director issues a final decision regarding such dispute; or (3) with respect to judicial review by this Court of any dispute under Section XIX (Dispute Resolution), during the period, if any, beginning on the 31st day after the Court's receipt of the final submission regarding the dispute until the date that the Court issues a final decision regarding such dispute. Nothing herein shall prevent the simultaneous accrual of separate penalties for separate violations of this Consent Decree.

77. Following EPA's determination that Settling Defendants have failed to comply with a requirement of this Consent Decree, EPA may give Settling Defendants written notification of the same and describe the noncompliance. EPA may send the Settling Defendants a written demand for the payment of the penalties. However, penalties shall accrue as provided in the preceding Paragraph regardless of whether EPA has notified the Settling Defendants of a violation.

78. All penalties accruing under this Section shall be due and payable to the United States within 30 days of the Settling Defendants' receipt from EPA of a demand for payment of the penalties, unless Settling Defendants invoke the Dispute Resolution procedures under Section XIX (Dispute Resolution). All payments to the United States under this Section shall be paid in accordance with the payment procedures set forth in Paragraph 57. All payments shall indicate that the payment is for stipulated penalties, and shall reference the EPA Region and Site/Spill ID #02-BT, the DOJ Case Number 90-11-3-480/2, and the name and address of the party making payment. At the time of payment, Settling Defendants shall send notice that payment has been made to the United States, to EPA, and to the EPA Financial Management Officer, in accordance with Section XXVI (Notices and Submissions).

79. The payment of penalties shall not alter in any way Settling Defendants' obligation to complete the performance of the Work required under this Consent Decree.

80. Penalties shall continue to accrue as provided in Paragraph 77 during any dispute resolution period, but need not be paid until the following:

a. If the dispute is resolved by agreement or by a decision of EPA that is not appealed to this Court, accrued penalties determined to be owing shall be paid to EPA within 15 days of the agreement or the receipt of EPA's decision or order;

b. If the dispute is appealed to this Court and the United States prevails in whole or in part, Settling Defendants shall pay all accrued penalties determined by the Court to be owed to EPA within 60 days of receipt of the Court's decision or order, except as provided in Subparagraph c below;

c. If the District Court's decision is appealed by any Party, Settling Defendants shall pay all accrued penalties determined by the District Court to be owing to the United States into an interest-bearing escrow account within 60 days of receipt of the Court's decision or order. Penalties shall be paid into this account as they continue to accrue, at least every 60 days. Within 15 days of receipt of the final appellate court decision, the escrow agent shall pay the balance of the account to EPA or to Settling Defendants to the extent that they prevail.

81. If Settling Defendants fail to pay stipulated penalties when due, the United States may institute proceedings to collect the penalties, as well as interest. Settling Defendants

shall pay Interest on the unpaid balance, which shall begin to accrue on the date of demand made pursuant to Paragraph 78.

82. Nothing in this Consent Decree shall be construed as prohibiting, altering, or in any way limiting the ability of the United States to seek any other remedies or sanctions available by virtue of Settling Defendants' violation of this Decree or of the statutes and regulations upon which it is based, including, but not limited to, penalties pursuant to Section 122(l) of CERCLA, provided, however, that the United States shall not seek civil penalties pursuant to Section 122(l) of CERCLA for any violation for which a stipulated penalty is provided herein, except in the case of a willful violation of the Consent Decree.

83. Notwithstanding any other provision of this Section, the United States may, in its unreviewable discretion, waive any portion of stipulated penalties that have accrued pursuant to this Consent Decree.

XXI. Covenants by Plaintiff

84. Covenant Not to Sue Settling Defendants. In consideration of the actions that will be performed and the payments that will be made by the Settling Defendants under the terms of the Consent Decree, and except as specifically provided in Paragraph 86 of this Section, the United States covenants not to sue or to take administrative action against Settling Defendants pursuant to Sections 106 and 107(a) of CERCLA for performance of the Work and for recovery of Past Response Costs and Future Response Costs. These covenants not to sue shall take effect upon the receipt by EPA of the payments required by Paragraph 54.a of Section XVI (Payments for Response Costs). These covenants not to sue are conditioned upon the satisfactory

performance by Settling Defendants of their obligations under this Consent Decree. These covenants not to sue extend only to the Settling Defendants and do not extend to any other person.

85. Covenant Not to take Administrative Action against Settling Federal Agency.

In consideration of the payments that will be made by the Settling Federal Agency under the terms of the Consent Decree, and except as specifically provided in Paragraph 86 of this Section, EPA covenants not to take administrative action against the Settling Federal Agency pursuant to Sections 106 and 107(a) of CERCLA for performance of the Work, the performance of Operable Unit One at the ARC Site and for recovery of Past Response Costs and Future Response Costs. EPA's covenant shall take effect upon the receipt of the payments required by Paragraph 54.a(i) of Section XVI (Payments for Response Costs). EPA's covenant is conditioned upon the satisfactory performance by the Settling Federal Agency of its obligations under this Consent Decree. EPA's covenant extends only to the Settling Federal Agency and does not extend to any other person.

86. General reservations of rights. The covenants set forth above do not pertain to any matters other than those expressly specified in Paragraphs 84 and 85. The United States reserves, and this Consent Decree is without prejudice to, all rights against Settling Defendants, and EPA and the federal natural resources trustees reserve, and this Consent Decree is without prejudice to, all rights against the Settling Federal Agency, with respect to all matters other than those expressly included in Paragraphs 84 and 85, including but not limited to, the following:

- a. claims based on a failure by Settling Defendants or the Settling Federal Agency to meet a requirement of this Consent Decree;
- b. liability arising from the past, present, or future disposal, release, or threat of release of Waste Material outside of the Sites;
- c. liability for future disposal of Waste Material at the Sites, other than as provided in the ROD, the Work, or otherwise ordered by EPA;
- d. liability for damages for injury to, destruction of, or loss of natural resources, and for the costs of any natural resource damage assessments;
- e. criminal liability;
- f. liability for violations of federal or state law which occur during or after implementation of the Remedial Action;
- g. liability, prior to Certification of Completion of the Work, for additional response actions that EPA determines are necessary to achieve Performance Standards, but that cannot be required pursuant to Paragraph 13 (Modification of the SOW or Related Work Plans);
- h. liability for remedial action for the HRDD Site and additional operable units at the Sites or the final response action; and
- i. liability for costs that the United States will incur related to the Sites but are not within the definition of Past or Future Response Costs.

87. Work Takeover.

(a) In the event EPA determines that Settling Defendants have (i) ceased implementation of any portion of the Work, or (ii) are seriously or repeatedly deficient or late in their performance of the Work, or (iii) are implementing the Work in a manner which may cause an endangerment to human health or the environment, EPA may issue a written notice ("Work Takeover Notice") to the Settling Defendants. Any Work Takeover Notice issued by EPA will specify the grounds upon which such notice was issued and will provide Settling Defendants a period of 30 days within which to remedy the circumstances giving rise to EPA's issuance of such notice.

(b) If, after expiration of the 30-day notice period specified in Paragraph 87(a), Settling Defendants have not remedied to EPA's satisfaction the circumstances giving rise to EPA's issuance of the relevant Work Takeover Notice, EPA may at any time thereafter assume the performance of all or any portions of the Work as EPA deems necessary ("Work Takeover"). EPA shall notify Settling Defendants in writing (which writing may be electronic) if EPA determines that implementation of a Work Takeover is warranted under this Paragraph 87(b).

(c) Settling Defendants may invoke the procedures set forth in Section XIX (Dispute Resolution), Paragraph 70, to dispute EPA's implementation of a Work Takeover under Paragraph 87(b). However, notwithstanding Settling Defendants' invocation of such dispute resolution procedures, and during the pendency of any such dispute, EPA may in its sole discretion commence and continue a Work Takeover under Paragraph 87(b) until the earlier of (i) the date that Settling Defendants remedy, to EPA's satisfaction, the circumstances giving rise to EPA's issuance of the relevant Work Takeover Notice or (ii) the date that a final decision is

rendered in accordance with Section XIX (Dispute Resolution), Paragraph 70, requiring EPA to terminate such Work Takeover.

(d) After commencement and for the duration of any Work Takeover, EPA shall have immediate access to and benefit of any performance guarantee(s) provided pursuant to Section XIII of this Consent Decree, in accordance with the provisions of Paragraph 48 of that Section. If and to the extent that EPA is unable to secure the resources guaranteed under any such performance guarantee(s) and the Settling Defendants fail to remit a cash amount up to but not exceeding the estimated cost of the remaining Work to be performed, all in accordance with the provisions of Paragraph 48, any unreimbursed costs incurred by EPA in performing Work under the Work Takeover shall be considered Future Response Costs that Settling Defendants shall pay pursuant to Section XVI (Payment for Response Costs).

88. Notwithstanding any other provision of this Consent Decree, the United States retains all authority and reserves all rights to take any and all response actions authorized by law.

XXII. Covenants by Settling Defendants and Settling Federal Agency

89. Covenant Not to Sue by Settling Defendants. Subject to the reservations in Paragraph 91, and except as otherwise provided herein, including without limitation in Paragraph 54.b., Settling Defendants hereby covenant not to sue and agree not to assert any claims or causes of action against the United States with respect to the Work, past response actions at the ARC Site for OU1 and OU2, Settling Defendants' Operable Unit One Response Costs, and Past and Future Response Costs as defined herein, or this Consent Decree, including, but not limited to:

- a. any direct or indirect claim for reimbursement from the Hazardous Substance Superfund (established pursuant to the Internal Revenue Code, 26 U.S.C. § 9507) through CERCLA Sections 106(b)(2), 107, 111, 112, 113 or any other provision of law;
- b. any claims against the United States, including any department, agency or instrumentality of the United States under CERCLA Sections 107 or 113 related to the Sites, or
- c. any claims arising out of response actions at or in connection with the Sites, including any claim under the United States Constitution, the Tucker Act, 28 U.S.C. § 1491, the Equal Access to Justice Act, 28 U.S.C. § 2412, as amended, or at common law.

Except as provided in Paragraph 97 (waiver of Claim-Splitting Defenses), these covenants not to sue shall not apply in the event that the United States brings a cause of action or issues an order pursuant to the reservations set forth in Paragraph 86(b) - (d) or 86(g) - (i), but only to the extent that Settling Defendants' claims arise from the same response action, response costs, or damages that the United States is seeking pursuant to the applicable reservation.

90. Covenant by Settling Federal Agency. Settling Federal Agency hereby agrees not to assert any direct or indirect claim for reimbursement from the Hazardous Substance Superfund (established pursuant to the Internal Revenue Code, 26 U.S.C. § 9507) through CERCLA Sections 106(b)(2), 107, 111, 112, 113 or any other provision of law with respect to the Work, past response actions and Past and Future Response Costs as defined herein. This covenant does

not preclude demand for reimbursement from the Superfund of costs incurred by a Settling Federal Agency in the performance of its duties (other than pursuant to this Consent Decree) as lead or support agency under the National Contingency Plan (40 C.F.R. Part 300).

91. The Settling Defendants reserve, and this Consent Decree is without prejudice to: (a) claims against the United States, subject to the provisions of Chapter 171 of Title 28 of the United States Code, for money damages for injury or loss of property or personal injury or death caused by the negligent or wrongful act or omission of any employee of the United States while acting within the scope of his office or employment under circumstances where the United States, if a private person, would be liable to the claimant in accordance with the law of the place where the act or omission occurred. However, any such claim shall not include a claim for any damages caused, in whole or in part, by the act or omission of any person, including any contractor, who is not a federal employee as that term is defined in 28 U.S.C. § 2671; nor shall any such claim include a claim based on EPA's selection of response actions, or the oversight or approval of the Settling Defendants' plans or activities. The foregoing applies only to claims which are brought pursuant to any statute other than CERCLA and for which the waiver of sovereign immunity is found in a statute other than CERCLA; (b) Settling Defendants further reserve, and this Consent Decree is without prejudice to claims against the United States for failure to meet the Settling Federal Agency's payment requirements of this Consent Decree; and (c) contribution claims against the Settling Federal Agency for response costs relating to Operable Unit Three or (d) contribution claims against the Settling Federal Agency in the event any claim is asserted by the United States against the Settling Defendants under the authority of or under Paragraph 86(a)-(d) or 86(g)-(i) of Section XXI (Covenants by Plaintiff), but only to the

same extent and for the same matters, transactions, or occurrences as are raised in the claim of the United States against Settling Defendants.

92. Nothing in this Consent Decree shall be deemed to constitute preauthorization of a claim within the meaning of Section 111 of CERCLA, 42 U.S.C. § 9611, or 40 C.F.R. § 300.700(d).

XXIII. Effect of Settlement; Contribution Protection

93. Nothing in this Consent Decree shall be construed to create any rights in, or grant any cause of action to, any person not a Party to this Consent Decree. The preceding sentence shall not be construed to waive or nullify any rights that any person not a signatory to this decree may have under applicable law. Each of the Parties expressly reserves any and all rights (including, but not limited to, any right to contribution), defenses, claims, demands, and causes of action which each Party may have with respect to any matter, transaction, or occurrence relating in any way to the Sites against any person not a Party hereto.

94. The Parties agree, and by entering this Consent Decree this Court finds, that the Settling Defendants and the Settling Federal Agency are entitled, as of the Effective Date, to protection from contribution actions or claims as provided by CERCLA Section 113(f)(2), 42 U.S.C. § 9613(f)(2) for matters addressed in this Consent Decree. The "matters addressed" in this settlement are Settling Defendants' Operable Unit One Response Costs and Settling Defendants' Operable Unit Two Response Costs as defined herein, Past, Interim, and Future Response Costs as defined herein and the Work as defined herein.

95. The Settling Defendants agree that with respect to any suit or claim for contribution brought by them for matters related to this Consent Decree they will notify the United States in writing no later than 60 days prior to the initiation of such suit or claim.

96. The Settling Defendants also agree that with respect to any suit or claim for contribution brought against them for matters related to this Consent Decree they will notify in writing the United States within 10 days of service of the complaint on them. In addition, Settling Defendants shall notify the United States within 10 days of service or receipt of any Motion for Summary Judgment and within 10 days of receipt of any order from a court setting a case for trial.

97. In any subsequent administrative or judicial proceeding initiated by the United States for injunctive relief, recovery of response costs, or other appropriate relief relating to the Sites, Settling Defendants shall not assert, and may not maintain, any defense or claim based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion, claim-splitting, or other defenses based upon any contention that the claims raised by the United States in the subsequent proceeding were or should have been brought in the instant case; provided, however, that nothing in this Paragraph affects the enforceability of the covenants not to sue set forth in Section XXI (Covenants by Plaintiff).

XXIV. Access to Information

98. Settling Defendants shall provide to EPA, upon request, copies of all documents and information within their possession or control or that of their contractors or agents relating to activities at the Sites or to the implementation of this Consent Decree,

including, but not limited to, sampling, analysis, chain of custody records, manifests, trucking logs, receipts, reports, sample traffic routing, correspondence, or other documents or information related to the Work. Settling Defendants shall also make available to EPA, for purposes of investigation, information gathering, or testimony, their employees, agents, or representatives with knowledge of relevant facts concerning the performance of the Work.

99. Business Confidential and Privileged Documents.

a. Settling Defendants may assert business confidentiality claims covering part or all of the documents or information submitted to Plaintiff under this Consent Decree to the extent permitted by and in accordance with Section 104(e)(7) of CERCLA, 42 U.S.C. § 9604(e)(7), and 40 C.F.R. § 2.203(b). Documents or information determined to be confidential by EPA will be afforded the protection specified in 40 C.F.R. Part 2, Subpart B. If no claim of confidentiality accompanies documents or information when they are submitted to EPA, or if EPA has notified Settling Defendants that the documents or information are not confidential under the standards of Section 104(e)(7) of CERCLA or 40 C.F.R. Part 2, Subpart B, the public may be given access to such documents or information without further notice to Settling Defendants.

b. The Settling Defendants may assert that certain documents, records and other information are privileged under the attorney-client privilege or any other privilege recognized by federal law. If the Settling Defendants assert such a privilege in lieu of providing documents, they shall provide the Plaintiff with the following: (1) the title of the document, record, or information; (2) the date of the document, record, or information; (3) the name and title of the author of the document, record, or information; (4) the name and title of each

addressee and recipient; (5) a description of the contents of the document, record, or information; and (6) the privilege asserted by Settling Defendants. However, no documents, reports or other information created or generated pursuant to the requirements of the Consent Decree shall be withheld on the grounds that they are privileged.

100. No claim of confidentiality shall be made with respect to any data, including, but not limited to, all sampling, analytical, monitoring, hydrogeologic, scientific, chemical, or engineering data, or any other documents or information evidencing conditions at or around the Sites.

XXV. Retention of Records

101. Until 10 years after the Settling Defendants' receipt of EPA's notification pursuant to Paragraph 51.b of Section XIV (Certification of Completion of the Work), each Settling Defendant shall preserve and retain all non-identical copies of records and documents (including records or documents in electronic form) now in its possession or control or which come into its possession or control that relate in any manner to its liability under CERCLA with respect to the Sites, provided, however, that Settling Defendants who are potentially liable as owners or operators of the Sites must retain, in addition, all documents and records that relate to the liability of any other person under CERCLA with respect to the Sites. Each Settling Defendant must also retain, and instruct its contractors and agents to preserve, for the same period of time specified above all non-identical copies of the last draft or final version of any documents or records (including documents or records in electronic form) now in its possession or control or which come into its possession or control that relate in any manner to the performance of the Work, provided, however, that each Settling Defendant (and its contractors

and agents) must retain, in addition, copies of all data generated during the performance of the Work and not contained in the aforementioned documents required to be retained. Each of the above record retention requirements shall apply regardless of any corporate retention policy to the contrary.

102. At the conclusion of this document retention period, Settling Defendants shall notify the United States at least 90 days prior to the destruction of any such records or documents, and, upon request by the United States, Settling Defendants shall deliver any such records or documents to EPA. The Settling Defendants may assert that certain documents, records and other information are privileged under the attorney-client privilege or any other privilege recognized by federal law. If the Settling Defendants assert such a privilege, they shall provide the Plaintiff with the following: (1) the title of the document, record, or information; (2) the date of the document, record, or information; (3) the name and title of the author of the document, record, or information; (4) the name and title of each addressee and recipient; (5) a description of the subject of the document, record, or information; and (6) the privilege asserted by Settling Defendants. However, no documents, reports or other information created or generated pursuant to the requirements of the Consent Decree shall be withheld on the grounds that they are privileged.

103. Each Settling Defendant hereby certifies individually that, to the best of its knowledge and belief, after thorough inquiry, it has not altered, mutilated, discarded, destroyed or otherwise disposed of any records, documents or other information (other than identical copies) relating to its potential liability regarding the Sites since notification of potential liability by the United States or the State or the filing of suit against it regarding the Sites and that it has fully complied with any and all EPA requests for information pursuant to Section 104(e) and

122(e) of CERCLA, 42 U.S.C. §§ 9604(e) and 9622(e), and Section 3007 of RCRA, 42 U.S.C. § 6927.

104. The United States acknowledges that each Settling Federal Agency (1) is subject to all applicable Federal record retention laws, regulations, and policies; and (2) has certified that it has fully complied with any and all EPA requests for information pursuant to Section 104(e) and 122(e) of CERCLA, 42 U.S.C. §§ 9604(e) and 9622(e), and Section 3007 of RCRA, 42 U.S.C. § 6927.

XXVI. Notices and Submissions

105. Whenever, under the terms of this Consent Decree, written notice is required to be given or a report or other document is required to be sent by one Party to another, it shall be directed to the individuals at the addresses specified below, unless those individuals or their successors give notice of a change to the other Parties in writing. All notices and submissions shall be considered effective upon receipt, unless otherwise provided. Written notice as specified herein shall constitute complete satisfaction of any written notice requirement of the Consent Decree with respect to the United States, EPA, the Settling Federal Agencies, and the Settling Defendants, respectively.

As to the United States:

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611
Re: DJ # 90-11-3-480/2

and

Chief, Environmental Defense Section
United States Department of Justice
Environment and Natural Resources Division
P.O. Box 23986
Washington D.C. 20026-3986
90-11-6-16233

As to EPA:

Director, ERRD
United States Environmental Protection Agency
Region II
290 Broadway
New York, NY 10007-1866

and

Attn: ARC Site RPM
ERRD
United States Environmental Protection Agency
Region 2
290 Broadway
New York, NY 10007-1866

As to the EPA Financial Management Officer

AcctsReceivable.CINWD@EPA.GOV or
U.S. EPA
26 West Martin Luther King Drive
Cincinnati Finance Center, MS:NWD
Cincinnati, Ohio 45268

As to the State:

Attn: Site Manager
Bureau of Federal Case Management
New Jersey Dept. of Environmental Protection
401 East State Street
P.O. Box 028
Trenton, N.J. 08625-0028

As to the Settling Defendants:

Lori Mills, Esq.
Drinker Biddle & Reath
105 College Road East, Suite 300
P.O. Box 627
Princeton, N.J. 08542-0627

XXVII. Effective Date

106. The effective date of this Consent Decree shall be the date upon which this Consent Decree is entered by the Court, except as otherwise provided herein.

XXVIII. Retention of Jurisdiction

107. This Court retains jurisdiction over both the subject matter of this Consent Decree and the Settling Defendants for the duration of the performance of the terms and provisions of this Consent Decree for the purpose of enabling any of the Parties to apply to the Court at any time for such further order, direction, and relief as may be necessary or appropriate for the construction or modification of this Consent Decree, or to effectuate or enforce compliance with its terms, or to resolve disputes in accordance with Section XIX (Dispute Resolution) hereof.

XXIX. Appendices

108. The following appendices are attached to and incorporated into this Consent Decree:

"Appendix A" is the ROD.

"Appendix B" is the SOW.

"Appendix C" is the description and/or map of the Sites.

"Appendix D" is the draft easement.

"Appendix E" is the ARC/HRDD RD/RA Trust Fund Agreement

XXX. Community Relations

109. Settling Defendants shall propose to EPA their participation in the community relations plan to be developed by EPA. EPA will determine the appropriate role for the Settling Defendants under the Plan. Settling Defendants shall also cooperate with EPA in providing information regarding the Work to the public. As requested by EPA, Settling Defendants shall participate in the preparation of such information for dissemination to the public and in public meetings which may be held or sponsored by EPA to explain activities at or relating to the Sites.

XXXI. Modification

110. Schedules specified in this Consent Decree for completion of the Work may be modified by agreement of EPA and the Settling Defendants. All such modifications shall be made in writing.

111. Except as provided in Paragraph 13 (Modification of the SOW or Related Work Plans), no material modifications shall be made to the SOW without written notification to and written approval of the United States, Settling Defendants, and the Court, if such modifications fundamentally alter the basic features of the selected remedy within the meaning

of 40 C.F.R. § 300.435(c)(2)(B)(ii). Prior to providing its approval to any modification, the United States will provide the State with a reasonable opportunity to review and comment on the proposed modification. Modifications to the SOW that do not materially alter that document, or material modifications to the SOW that do not fundamentally alter the basic features of the selected remedy within the meaning of 40 C.F.R. § 300.435(c)(2)(B)(ii), may be made by written agreement between EPA, after providing the State with a reasonable opportunity to review and comment on the proposed modification, and the Settling Defendants.

112. Nothing in this Decree shall be deemed to alter the Court's power to enforce, supervise or approve modifications to this Consent Decree.

XXXII. Lodging and Opportunity for Public Comment

113. This Consent Decree shall be lodged with the Court for a period of not less than thirty (30) days for public notice and comment in accordance with Section 122(d)(2) of CERCLA, 42 U.S.C. § 9622(d)(2), and 28 C.F.R. § 50.7. The United States reserves the right to withdraw or withhold its consent if the comments regarding the Consent Decree disclose facts or considerations which indicate that the Consent Decree is inappropriate, improper, or inadequate. Settling Defendants consent to the entry of this Consent Decree without further notice.

114. If for any reason the Court should decline to approve this Consent Decree in the form presented, this agreement is voidable at the sole discretion of any Party and the terms of the agreement may not be used as evidence in any litigation between the Parties.

XXXIII. Signatories/Service

115. Each undersigned representative of a Settling Defendant to this Consent Decree and the Assistant Attorney General for the Environment and Natural Resources Division of the Department of Justice certifies that he or she is fully authorized to enter into the terms and conditions of this Consent Decree and to execute and legally bind such Party to this document.

116. Each Settling Defendant hereby agrees not to oppose entry of this Consent Decree by this Court or to challenge any provision of this Consent Decree unless the United States has notified the Settling Defendants in writing that it no longer supports entry of the Consent Decree.

117. Each Settling Defendant shall identify, on the attached signature page, the name, address and telephone number of an agent who is authorized to accept service of process by mail on behalf of that Party with respect to all matters arising under or relating to this Consent Decree. Settling Defendants hereby agree to accept service in that manner and to waive the formal service requirements set forth in Rule 4 of the Federal Rules of Civil Procedure and any applicable local rules of this Court, including, but not limited to, service of a summons. The parties agree that Settling Defendants need not file an answer to the complaint in this action unless or until the court expressly declines to enter this Consent Decree.

XXXIV. Final Judgment

118. This Consent Decree and its appendices constitute the final, complete, and exclusive agreement and understanding among the parties with respect to the settlement embodied in the Consent Decree. The parties acknowledge that there are no representations, agreements or understandings relating to the settlement other than those expressly contained in this Consent Decree.


119. Upon approval and entry of this Consent Decree by the Court, this Consent Decree shall constitute a final judgment between and among the United States and the Settling Defendants. The Court finds that there is no just reason for delay and therefore enters this judgment as a final judgment under Fed. R. Civ. P. 54 and 58.

SO ORDERED THIS __ DAY OF _____, 200 __.


United States District Judge

FOR THE UNITED STATES OF AMERICA

Date


SUE ELLEN WOOLDRIDGE
Assistant Attorney General
Environment and Natural Resources Division
U.S. Department of Justice
Washington, D.C. 20530

11/21/06
Date



ALFRED S. IRVING, JR.
Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611
Ph: (202) 305-8307
Fax: (202) 616-2427

Date

MICHAEL D. ROWE
Environmental Defense Section
Environment & Natural Resources Division
U.S. Department of Justice
P.O. Box 23986
Washington, D.C. 20026-3986
Ph: (202) 514-3144
Fax: (202) 514-8865


SUSAN J. STEELE
Chief, Civil Division
U.S. Attorney's Office
District of New Jersey

9/18/06
Date



GEORGE PAVLOU, Director
Emergency and Remedial Response Division
U.S. Environmental Protection Agency,
Region II
290 Broadway, New York, NY 10007

9/18/2006
Date



CLAY MONROE
Assistant Regional Counsel
U.S. Environmental Protection Agency,
Region II
290 Broadway, New York, NY 10007

FOR ADVANCED ENVIRONMENTAL
TECHNOLOGY Corp.
COMPANY, INC. */

Date _____

Signature:

Name (print): ROBERT W LANDMESSER

Title: Pres

Address: 400 Ocean Rd
#176
Vero Beach
Florida 32963

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): THOMAS SABINO, ESQ.

Title: WOLFE & SAMSON

Address: ONE BOLAND DRIVE
WEST ORANGE, N.J. 07052

Ph. Number: 973-530-2044

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

FOR _____ COMPANY, INC. */

*Chevron Environmental Management Company
for itself and on behalf of
Kewanee Industries, Inc.*

9/12/06
Date

Signature: _____
Name (print): Robert R. John
Title: Assistant Secretary
Address: 6001 Bollinger Canyon Road
San Ramon, CA 94583

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Corporation Service Company
Title: _____
Address: 830 Bear Tavern Road
West Trenton, NJ 08628
Ph. Number: 800 222 2122

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

*Essex
Deeds*

Essex Chemical Corporation
FOR _____ COMPANY, INC. */

9/14/06
Date

Signature:
Name (print): Sandi VanWormer
Title: Authorized Representative
Address: 2030 Dow Center
Midland, MI 48674

Agent Authorized to Accept Service on Behalf of Above-signed Party:

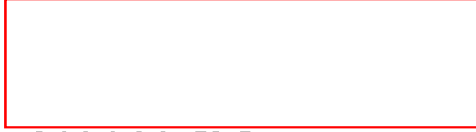
Name (print): The Corporation Trust Company
Title: Authorized Agent
Address: 820 Bear Tavern Rd 3rd Floor
West Trenton, NJ 08628

Ph. Number: _____

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

FOR FRY'S METALS, INC.

9/14/06
Date

Signature: 

Name (print): William S. Gorgone

Title: Vice President/Secretary

Address: One Cookson Place
Providence, RI 02903

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Franklin W. Boenning, Esq.

Title: Attorney at Law


Address: 1577 Grouse Lane
Mountainside, New Jersey 07092

Ph. Number: 908-928-0301

FOR General Motors Corporation */

Sept. 7, 2006

Date

Signature: 

Name (print): James P. Walle

Title: Attorney P31198

Address: General Motors Corporation

M.C. 482-C24-D24, 300 Renaissance Center

Detroit, MI 48243

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): CT Corporation

Title: _____

Address: 820 Bear Tavern Rd.

W. Trenton, NJ 08628

Ph. Number: 800-990-1074

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

ARC/HROS 042
RD/RA Consent Decree

FOR JOHNSON & JOHNSON

09/11/06

Date

Signature:

Name (print): Kathryn A. Meisel, Esq.

Title: Assistant General Counsel

Address: One Johnson & Johnson Plaza
New Brunswick, NJ 08933

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Lori A. Mills, Esq.

Title: Partner


Address: Drinker Biddle & Reath LLP
105 College Road East - Suite 300
Princeton, NJ 08543

Ph. Number: (609) 716-6632

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

FOR _____ COMPANY, INC. */
Lionetti Oil Recovery, Inc.

9/14/06
Date

Signature: 
Name (print): John Lionetti
Title: President
Address: 450 South Front Street
Elizabeth, NJ 07202


Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Scott T. Smith
Title: Attorney at Law of State of New Jersey
Address: Smith, Smith & Curley, PC
149 Avenue at the Common
Shrewsbury, NJ 07702
Ph. Number: (732) 935-7246

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

FOR NOVARTIS PHARMACEUTICALS CORP.

9/13/06
Date

Signature: 

Name (print): Gary Rosenthal

Title: V.P. and Chief Financial Officer

Address: One Health Plaza
EAST HANOVER, NJ 07930

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Irvin M. Freilich, Esq.

Title: Outside Counsel

Address: Robertson, Freilich, Bruno & Cohen, LLC

The Legal Center

One Riverfront Plaza, Newark, NJ 07102

Ph. Number: (973) 848-2105

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

PERMACEL, A NITTO DENKO Co.
FOR _____ COMPANY, INC. */

08-13-06
Date

Signature: ON BEHALF OF
Name (print): KENY M. QUINONES, ESQ.
Title: GENERAL COUNSEL
Address: PERMACEL, A NITTO DENKO CO.
ONE TOWER CENTER BLVD.
14TH FLOOR
EAST BRUNSWICK, NEW JERSEY
08816

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): IRISHA L. SMITH
Title: ENVIRONMENTAL COUNSEL
Address: NIXON PEABODY LLP
50 JERICHO QUADRANGLE, SUITE 300
JERICHO, N.Y. 11753-2928
Ph. Number: (516) 832-7572

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

FOR 3M COMPANY**

9-13-6
Date

Signature:

Name (print): Paul Nardog

Title: Manager Env. Operations

Address: 900 Bush Ave

St Paul MN 55106

Bldg 42-2E-27, PO Box 3333

St Paul, MN 55133-3331

Agent Authorized to Accept Service on Behalf of Above-signed Party:

David W. Reger, Esq.

Name (print): Donald J. Camerson II, Esq.

Title: Attorneys

Address: Bressler, Amery & Ross, P.C.

P.O. Box 1980

Morristown, NJ 07962

Ph. Number: (973) 514-1200

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

** Formerly known as Minnesota Mining and Manufacturing Company.

Consent
Decree

FOR Union Carbide Corporation
COMPANY, INC. */

9/14/06
Date

Signature: [Redacted]
Name (print): Sandi VanWormer
Title: Authorized Representative
Address: 2030 Dow Center
Midland, MI 48674

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): The Corporation Trust Company
Title: Authorized Agent
Address: 820 Bear Tavern Rd 3rd Floor
West Trenton, NJ 08628

Ph. Number: _____

*/ A separate signature page must be signed by each corporation, individual or other legal entity that is settling with the United States.

RECORD OF DECISION

Operable Unit 2 - Soil and Groundwater

Horseshoe Road and Atlantic Resources Corporation Sites,

Sayreville Township, Middlesex County, New Jersey

United States Environmental Protection Agency

Region II

September 2004

DECLARATION STATEMENT

RECORD OF DECISION

SITE NAME AND LOCATION

Horseshoe Road Site (EPA ID# NJD980663678)
Atlantic Resources Corporation Site (EPA ID# NJD981558430)
Sayreville Township, Middlesex County, New Jersey
Operable Unit 2 - Soil and Groundwater

STATEMENT OF BASIS AND PURPOSE

This decision document presents the Selected Remedy for contaminated soil and groundwater located on the Horseshoe Road site and the neighboring Atlantic Resources Corporation site, in Sayreville, Middlesex County, New Jersey. The Selected Remedy was chosen in accordance with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended, and to the extent practicable, the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). This decision is based on the Administrative Record file for these sites.

The State of New Jersey concurs with the Selected Remedy.

ASSESSMENT OF THE SITE

The response actions selected in this Record Of Decision (ROD) are necessary to protect public health or welfare or the environment from actual or threatened releases of hazardous substances from the sites into the environment.

DESCRIPTION OF THE SELECTED REMEDY

The response action described in this document represents the second of three planned remedial phases, or operable units, for the Horseshoe Road and Atlantic Resources Corporation sites. It addresses soil and groundwater contamination at the sites. The previous ROD, signed in September 2000, addressed the demolition of on-site buildings and structures.

The Selected Remedy described in this document involves the excavation and off-site disposal of surface and subsurface soils, and long-term groundwater monitoring and institutional controls for groundwater. The major components of the selected response measure include:

- excavation of approximately 12,000 and 10,000 cubic yards of contaminated soil and debris on the Horseshoe Road and Atlantic Resources Corporation sites, respectively,

including an estimated 10,000 and 6,000 cubic yards of deeper soils that act as a continuing source of groundwater contamination on the Horseshoe Road and the Atlantic Resources Corporation sites, respectively;

- off-site transportation and disposal of contaminated soil and debris, with treatment as necessary;
- off-site treatment of all RCRA-hazardous wastes prior to land disposal;
- backfilling and grading of all excavated areas with clean fill, with the exception of the Horseshoe Road Drum Dump area (HRDD), which would be graded to become part of the neighboring marsh;
- institutional controls, such as a deed notice or covenant, to prevent exposure to residual soils that may exceed levels that would allow for unrestricted use;
- institutional controls, including a Classification Exception Area, to restrict the installation of wells and the use of groundwater in the area of groundwater contamination; and
- implementation of a long term groundwater sampling and analysis program to monitor the nature and extent of groundwater contamination at the sites, in order to assess the migration and possible attenuation of the groundwater contamination over time.

EPA evaluated alternatives for the remediation of groundwater contamination found in the clay and silt substrate at the sites, and concluded that no practicable alternatives could be implemented. Consequently, EPA is invoking an Applicable or Relevant and Appropriate Requirement (ARAR) waiver for the groundwater at these sites due to technical impracticability.

DECLARATION OF STATUTORY DETERMINATIONS

Part 1: Statutory Requirements

The Selected Remedy is protective of human health and the environment, complies with Federal and State requirements that are applicable or relevant and appropriate to the remedial actions to the extent practicable given the subsurface conditions found at the sites, and is cost-effective. EPA has determined that the Selected Remedy represents the maximum extent to which permanent solutions and treatment technologies can be utilized in a practicable manner at the sites. In addition, EPA is invoking

an ARAR waiver due to technical impracticability for groundwater at these sites since groundwater remediation is not practicable.

Part 2: Statutory Preference for Treatment

The Selected Remedy for groundwater will not meet the statutory preference for the use of remedies that involve treatment as a principal element. However, the soils that are determined to be RCRA-hazardous will be treated at an off-site treatment facility.

Part 3: Five-Year Review Requirements

This remedy will result in hazardous substances, pollutants, or contaminants remaining on the Horseshoe Road and Atlantic Resources Corporation sites above levels that would allow for unlimited use and unrestricted exposure. Pursuant to Section 121(c) of CERCLA,, a statutory review will be conducted within five years of the initiation of the remedial action to ensure that the remedy is, or will be, protective of human health and environment.

ROD DATA CERTIFICATION CHECKLIST

The following information is included in the Decision Summary section of this ROD. Additional information can be found in the Administrative Record file for the two sites.


- Chemicals of concern and their respective concentrations may be found in the "Site Characteristics" section.
- Baseline risk represented by the chemicals of concern may be found in the "Summary of Site Risks" section.
- A discussion of cleanup levels for chemicals of concern may be found in the "Remedial Action Objectives" section.
- A discussion of source materials constituting principal threats may be found in the "Principal Threat Waste" section.
- Current and reasonably-anticipated future land use assumptions are discussed in the "Current and Potential Future Site and Resource Uses" section.
- A discussion of potential land use that will be available at the sites as a result of the Selected Remedy is discussed in the "Remedial Action Objectives" section.

- Estimated capital, annual operation and maintenance (O&M), and total present worth costs are discussed in the "Description of Alternatives" section.
- Key factors that led to selecting the remedies (i.e., how the Selected Remedy provides the best balance of tradeoffs with respect to the balancing and modifying criteria, highlighting criteria key to the decisions) may be found in the "Comparative Analysis of Alternatives" and "Statutory Determinations" sections.



9-30-04

Date

 George Pavlou, Director
Emergency and Remedial
Response Division
EPA - Region II

APPENDIX B
STATEMENT OF WORK

Atlantic Resources Corporation Site, and
the Horseshoe Road Drum Dump Portion of the Horseshoe Road Site
Operable Unit 2
Sayreville, New Jersey

I. WORK TO BE PERFORMED

"Work," as defined in Section IV of the Consent Decree (the "Consent Decree") to which this Statement of Work ("SOW") is attached means:

[a]ll activities Settling Defendants are required to perform under this Consent Decree, except those required by Section XXV (Retention of Records). This definition of Work does not include remedial action at the HRDD [Horseshoe Road Drum Dump] Site.

The remedial action objectives for the Atlantic Resources Corporation Site ("ARC Site") and the Horseshoe Road Drum Dump ("HRDD") portion of the Horseshoe Road Site (hereinafter collectively referred to as "the Sites"), as set forth in the Environmental Protection Agency's (EPA's) September 30, 2004 Record of Decision (ROD) for Operable Unit 2 at the Sites, attached as Appendix A to the Consent Decree, are to:

- Reduce or eliminate the direct contact threat associated with contaminated soil to levels protective of a commercial or industrial use, and protective of the environment;
- Prevent public exposure to contaminated groundwater that presents a significant risk to human health and the environment;
- Minimize or eliminate contaminant migration to the groundwater and surface waters; and
- Minimize or eliminate organic vapor migration from groundwater into future indoor environments that may be built on the sites.

These objectives shall be met fully at the ARC Site through design and implementation of the remedy selected. The objectives will be met partially at HRDD because the Consent Decree provides for design of the remedy selected for HRDD, but not remedial action. The Settling Defendants shall finance and perform the Work in accordance with the Consent Decree, the ROD, and this SOW, including all terms, conditions and schedules set forth herein or developed and approved hereunder.

The major components of the Selected Remedy on the ARC Site follow:

- excavation of approximately 10,000 cubic yards of contaminated soil and debris, including an estimated 6,000 cubic yards of deeper soils that act as a continuing source of groundwater contamination;
- off-site transportation and disposal of contaminated soil and debris, with treatment as necessary;
- off-site treatment of all RCRA-hazardous wastes prior to land disposal;
- backfilling and grading of all excavated areas with clean fill;
- institutional controls, such as a deed notice or covenant, to prevent exposure to residual soils that may exceed levels that would allow for unrestricted use;
- institutional controls, including a Classification Exception Area, to restrict the installation of wells and the use of groundwater in the area of groundwater contamination; and
- implementation of a long-term groundwater sampling and analysis program to monitor the nature and extent of groundwater contamination at the Sites, in order to assess the migration and possible attenuation of the groundwater contamination over time.

The major components of the Selected Remedy for the HRDD:

- excavation of approximately 13,500 cubic yards of fill, contaminated soil, and debris ;
- off-site transportation and disposal of contaminated soil and debris, with treatment as necessary;
- off-site treatment of all RCRA-hazardous wastes prior to land disposal;
- grading with backfilling as necessary, of the drum dump area to become part of the neighboring marsh;
- institutional controls, such as a deed notice or covenant, to prevent exposure to residual soils that may exceed levels that would allow for unrestricted use;
- institutional controls, including a Classification Exception Area, to restrict the installation of wells and the use of groundwater in the area of groundwater contamination; and

- implementation of a long-term groundwater sampling and analysis program to monitor the nature and extent of groundwater contamination at the Sites, in order to assess the migration and possible attenuation of the groundwater contamination over time.

II. PERFORMANCE STANDARDS

The Remedial Design (RD) shall be designed to achieve compliance with the Performance Standards, which shall include and be consistent with the requirements set forth in the Remedial Action (RA) Objectives section of the ROD, including cleanup levels found in the ROD tables. The RD shall also be designed to achieve compliance with all legally applicable and relevant and appropriate requirements (ARARs), including but not limited to substantive requirements promulgated under the Resource Conservation and Recovery Act (RCRA), the New Jersey Technical Requirements for Site Remediation, N.J.A.C. 7-26E et. seq., and applicable local requirements. For state and local requirements, only those substantive requirements that are more stringent than federal requirements and that do not conflict with the Comprehensive Environmental Response, Compensation, Liability, Act of 1980 (CERCLA) are ARARs.

III. PROJECT SUPERVISION/MANAGEMENT, PROJECT COORDINATOR

1. SUPERVISING CONTRACTOR

The RD, RA, and any other technical work performed by Settling Defendants pursuant to this Consent Decree shall meet any and all requirements of applicable federal, state and local laws and be performed under the direction and supervision of a qualified licensed professional engineering firm. Within ten (10) calendar days after lodging of this Consent Decree, Settling Defendants shall notify EPA, in writing, of the name, title, proposed responsibilities and qualifications of the Supervising Contractor. All plans and specifications shall be prepared under the supervision of, and signed/certified by, a licensed New Jersey professional engineer. Selection of the Supervising Contractor shall be subject to approval by EPA.

2. PROJECT COORDINATOR

Within twenty (10) calendar days after lodging of this Consent Decree, Settling Defendants shall notify EPA, in writing, of the name and title of the Project Coordinator who may be an employee of the Supervising Contractor. The Project Coordinator shall be responsible for the day to day management of all Work to be performed pursuant to this Consent Decree. The Project Coordinator shall have adequate technical and managerial experience to manage all Work described in this Statement of Work and under this Consent Decree. The Project Coordinator shall be knowledgeable at all times about all matters relating to activities regarding the RD and RA. The Project Coordinator shall be the primary contact for EPA on all matters relating to Work at the

Sites and should be available for EPA to contact during all working days. The Project Coordinator shall not be an attorney.

IV. REMEDIAL DESIGN ACTIVITIES

The RD activities to be performed in the implementation of the selected remedy for the Sites include, but are not limited to, the following:

- A. Conduct soil sampling on the Sites to characterize the extent of contaminated material that needs to be removed to satisfy the RA objectives. The sampling will include testing for RCRA characteristic wastes as well as contaminants for which EPA has established cleanup goals.
- B. Develop plans and specifications to excavate contaminated surface and subsurface soils which exceed cleanup goals specified in the ROD. Plans should describe measures that will be taken to avoid damage to MCUA force mains that run beneath portions of the Sites.
- C. Develop plans and specifications to transport excavated soil to an off-site facility for disposal (The transport route shall avoid using the residential portion of Horseshoe Road). Plans should anticipate shipment of RCRA characteristic waste to a RCRA facility when encountered.
- D. Develop plans and specifications to backfill excavated areas on the Atlantic Resources Site.
- E. Develop plans and specifications to grade, and backfill if necessary, the HRDD area to the level of the surrounding marsh and restore wetland vegetation.
- F. Develop plans and specifications for the performance of air monitoring during construction/remedial activities at the Sites to ensure that air emissions resulting from the activities meet applicable or relevant and appropriate air emission requirements.
- G. Develop plans to implement institutional controls that will protect future site users from contamination left on-site.
- H. Develop plans and specifications for the performance of groundwater monitoring to ensure that groundwater contamination is contained on-site and does not significantly impact down-gradient resources.

V. REMEDIAL DESIGN WORK PLAN

Within sixty (60) days of the date on which Settling Defendants receive written notification from EPA of the approval of the Supervising Contractor, Settling Defendants

shall submit a detailed RD Work Plan for the design of the selected remedy to EPA for review and approval. The RD Work Plan shall provide for the collection of all data needed for performing the necessary RD activities.

The Work Plan shall comply with CERCLA and relevant EPA guidance, including the EPA document entitled Guidance on Oversight of Remedial Designs and Remedial Actions performed by Potentially Responsible Parties, (OSWER directive 9355.5-01, EPA/540/g-90-001), dated April 1990 and shall be in conformance, inter alia, with the Superfund Remedial Design and Remedial Action Guidance, dated June 1986, and other relevant EPA guidance documents.

The RD Work Plan shall include plans and schedules for implementation of RD tasks, and shall include, but not be limited to, the following items listed in V.A.-C. below:

A. Quality Assurance/Quality Control Project Plan

A Quality Assurance/Quality Control Project Plan (QAPP) shall be prepared consistent with EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations, (EPA QA/R-5, October 1998), and shall include the following elements:

1. A detailed description of the sampling, analysis, and monitoring that shall be performed during the RD phase, consistent with this SOW, the ROD, and the Consent Decree. At a minimum, the QAPP shall provide a plan for sampling surface and subsurface soils to define the specific limits of the contamination.
2. All sampling, analysis, data assessment, and monitoring shall be performed in accordance with the Region II CERCLA Quality Assurance Manual, Revision 1, EPA Region 2, dated October 1989, and any updates thereto and the guidelines set forth in the Consent Decree. All testing methods and procedures shall be fully documented and referenced to established methods or standards.
3. The QAPP shall also specifically include the following items:
 - a. An explanation of the way(s) the sampling, analysis, and monitoring will produce data for the RD phase;
 - b. A detailed description of the sampling, analysis, and testing to be performed, including sampling methods, analytical and testing methods, sampling locations and frequency of sampling;
 - c. A map depicting sampling locations; and
 - d. A schedule for performance of specific tasks.

4. In the event that additional sampling locations and analyses are utilized or required, Settling Defendants shall submit to EPA an addendum to the QAPP for approval by EPA.

5. The QAPP shall address the following elements:

Project Management

- a. Title and Approval Sheet
- b. Table of Contents and Document Control Format
- c. Distribution List
- d. Project/Task Organization and Schedule
- e. Problem Definition/Background
- f. Project/Task Description
- g. Quality Objectives and Criteria for Measurement Data
- h. Special Training Requirements/Certification
- i. Documentation and Records

Measurement/Data Acquisition

- j. Sampling Process Design
- k. Sampling Methods Requirements
- l. Sample Handling and Custody Requirements
- m. Analytical Methods Requirements
- n. Quality Control Requirements
- o. Instrument/Equipment Testing, Inspection, and Maintenance Requirements
- p. Instrument Calibration and Frequency
- q. Inspection/Acceptance Requirements for Supplies and Consumables
- r. Data Acquisition Requirements (Non Direct Measurements)
- s. Data Management

Assessment/Oversight

- t. Assessments and Response Actions
- u. Reports to Management

Data Validation and Usability

- v. Data Review, Validation, and Verification Requirements
- w. Validation and Verification Methods
- x. Reconciliation with Data Quality Objectives

6. In order to provide quality assurance and maintain quality control with respect to all samples to be collected, Settling Defendants shall ensure the following:

a. Quality assurance and chain-of-custody procedures shall be performed in accordance with standard EPA protocol and guidance, including the Region II CERCLA Quality Assurance Manual, Revision 1, EPA Region 2, dated October 1989, and any updates thereto, and the guidelines set forth in this Consent Decree.

b. The laboratory to be used must be specified. If the laboratory participates in the Contract Laboratory Program (CLP), for the analyses to be performed for this investigation, then project specific Performance Evaluation (PE) samples will not be required. If the proposed laboratory does not participate in the CLP, then PE samples must be analyzed to demonstrate the capability to conduct the required analysis prior to being approved for use. Once a non-CLP laboratory has been selected, the laboratory should submit a copy of their Laboratory Quality Assurance Program Plan to EPA for review and approval.

For any analytical work performed at a non-CLP laboratory, including that done in a fixed laboratory, in a mobile laboratory, or in on site screening analyses, Settling Defendants must submit to EPA a "Non-CLP Superfund Analytical Services Tracking System" form for each laboratory utilized during a sampling event, within thirty (30) days after receipt of the analytical results. Upon completion, such documents shall be submitted to the EPA Project Coordinator, with a copy of the form and transmittal letter to:

Regional Sample Control Center Coordinator
EPA Region 2
Division of Environmental Science & Assessment
2890 Woodbridge Avenue, Bldg. 209, MS-215
Edison, NJ 08837

c. The laboratory utilized for analyses of samples must perform all analyses according to accepted EPA methods as documented in the Contract Lab Program Statement of Work for Organic Analysis, (OLM04.2) or the latest revision, and the Contract Lab Program Statement of Work for Inorganic Analysis, (ILM04.0) or the latest revision, or other EPA approved methods.

d. Unless indicated otherwise in the approved QAPP, all data will be validated upon receipt from the laboratory.

e. Unless indicated otherwise in the approved QAPP, submission of the validation package (checklist, report, and Form I containing the final data) to EPA, prepared in accordance with the provisions of Subparagraph g., below.

f. Assurance that all analytical data that are validated as required by the QAPP are validated according to the procedures stated in the EPA Region II Contract Lab Program Organics Data Review and Preliminary Review (SOP #HW-6, Revision 11), dated June 1996, or the latest revision, and the Evaluation of Metals Data for the Contract Laboratory Program (SOP #HW-2, Revision 11), dated January 1992 or the latest revision, or EPA-approved equivalent procedures. Region 2 Standard Operating Procedures are available at: <http://www.epa.gov/region02/smb/sops.htm>

g. Unless indicated otherwise in the approved QAPP, Settling Defendants shall require deliverables equivalent to CLP data packages from the laboratory for analytical data. Upon EPA's request, Settling Defendants shall submit to EPA the full documentation (including raw data) for this analytical data. EPA reserves the right to perform an independent data validation, data validation check, or qualification check on generated data.

h. Settling Defendants shall insert a provision in its contract(s) with the laboratory utilized for analyses of samples, which will require granting access to EPA personnel and authorized representatives of EPA for the purpose of ensuring the accuracy of laboratory results related to the Sites.

B. Health and Safety Contingency Plan (HSCP)

A Health and Safety Contingency Plan (HSCP) for all activities performed under the Consent Decree shall be developed by Settling Defendants to address the protection of public health and safety and the response to contingencies that could impact public health, safety, and the environment. The HSCP shall satisfy the requirements of the Occupational Safety and Health Guidance for Hazardous Waste Site Activities, (June 1990, DHHS NIOSH Publication No. 90-117), and the Occupational Safety and Health Administration, U.S. Department of Labor (OSHA) requirements cited below:

1. All site activities shall be performed in such a manner as to ensure the safety and health of personnel so engaged. All site activities shall be conducted in accordance with all pertinent general industry (29 CFR Part 1910) and construction (29 CFR Part 1926) OSHA standards, and EPA's Standards Operating Safety Guides (OSWER, 1988), as well as any other applicable State and municipal codes or ordinances. All site activities shall comply with those requirements set forth in OSHA's final rule entitled Hazardous Waste Operations and Emergency Response, 29 CFR §1910.120, Subpart H.

2. The HSCP shall include, at a minimum, the following elements:

a. Plans showing the location and layout of any temporary facilities to be constructed on or near the Sites;

b. Description of the known hazards and evaluation of the risks associated with the Sites and the potential health impacts related to the site activities;

c. List of key personnel and alternates responsible for site safety, response operations, and protection of the public;

d. Description of levels of protection (based on specified standards) to be utilized by all personnel;

e. Delineation of Work, decontamination, and safe zones, and definitions of the movement of zones;

f. Description of decontamination procedures for personnel and equipment, and handling and removal of disposable clothing or equipment;

g. Incidental emergency procedures which address emergency care for personnel injuries and exposure problems, and containment measures. These procedures shall include evacuation routes, internal and external communications procedures for response to fire, explosion, or other emergencies, the name of the nearest hospital and the route to that hospital. Local agencies with the capability to respond to emergencies shall be identified and their capabilities shall be described. A description of the procedures for informing the community of these measures shall be outlined.

h. Description of the personnel medical surveillance program in effect;

i. Description of monitoring for personnel safety;

j. Description of routine and special personnel training programs; and

k. Description of an air monitoring program to determine concentrations of airborne contaminants to which workers on-site and persons near the site boundary may be exposed. The results of work-zone air monitoring may be used as a trigger for implementing site-boundary air monitoring, additional control measures, and/or cessation of work.

C. Description of Remedial Design Tasks

The RD Work Plan shall include a detailed description of all other RD tasks (see Sections IV. and V., above) to be performed, along with a schedule for performance of those tasks. Such tasks shall include, at a minimum, the preparation of the RD Reports required by Section VII., below, and tasks necessary to ensure compliance with ARARs, as outlined herein and in the ROD. The RD Work Plan shall include an outline of the requirements of the RD Reports.

1. Access and Other Approvals

The RD Work Plan shall include descriptions of any approvals which Settling Defendants will need to comply with the Consent Decree, with the exception of those approvals needed from the EPA. This description shall detail how such approvals will be sought, and shall include a schedule for obtaining all necessary approvals. Such approvals shall include the consent of owners of property at or near the site regarding access to conduct sampling, monitoring, remediation, restoration or other activities, in accordance with the Consent Decree, and approval from any off-site facility accepting waste materials from the Sites. This description shall be amended if subsequent approvals are required.

2. Remedial Design Schedules, Draft Schedule for Remedial Action, and Monitoring

The RD Work Plan shall include a schedule covering all RD activities, including but not limited to, the submittal of the RD Reports listed in Section VII., below. The RD Work Plan shall also include a draft schedule for RA and monitoring activities. The schedule shall be in the form of a task/subtask activity bar chart or critical path method sequence of events.

The draft schedule for RA and monitoring activities may be revised during the remedial process, subject to the EPA's approval.

The RD schedule shall provide for completion and submittal to EPA of the Final RD Report within ten (10) months of EPA's written approval of the RD Work Plan.

The draft schedule for the RA for the ARC Site shall provide for completion of the submittal to EPA of the Final RA Report within eighteen (18) months of EPA's written notification of approval of the RA Work Plan or entry of the Consent Decree, whichever is later.

VI. APPROVAL OF REMEDIAL DESIGN WORK PLAN

EPA will either approve the RD Work Plan, or require modification of such plan, in accordance with the procedures set forth in Section XI of the Consent Decree. Settling Defendants shall implement the EPA-approved RD Work Plan in accordance with the schedules contained therein.

VII. REMEDIAL DESIGN

Settling Defendants shall perform the RD activities in conformance with the RD Work Plan approved by the EPA and within the time frames specified in the RD schedule contained therein. The RD shall include the preparation of a Preliminary RD Report (35% completion), a pre-final RD Report (95% completion) and a Final RD Report (100% completion).

A. Preliminary, Pre-Final and Final Remedial Design Reports

The reports shall be submitted to the EPA and NJDEP in accordance with the schedule set forth in the approved RD Work Plan. Each RD report shall include a discussion of the design criteria and objectives, with emphasis on the capacity and ability to meet design objectives successfully. Each report shall also include the plans and specifications that have been developed at that point in time, along with a design analysis. The design analysis shall provide the rationale for the plans and specifications, including results of all sampling and testing performed, supporting calculations and documentation of how these plans and specifications will meet the requirements of the ROD and shall provide a discussion of any impacts these findings may have on the RD. The design reports shall also include the following items (to the extent that work has been performed regarding the items):

1. A technical specification for photographic documentation of the remedial construction work;
2. A discussion of the manner in which the RA will achieve the Performance Standards;
3. A plan for establishing institutional controls (i.e., deed restrictions); and
4. A draft schedule for RA activities, and a preliminary schedule for monitoring activities.

B. Additional Preliminary Remedial Design Report Requirements

The preliminary RD report shall include; the design criteria, a discussion and evaluation of the RD activities listed under Section IV., above, and their results, preliminary design drawings showing general arrangement of all RA work planned, and, to the extent available, items C.1. and C.2 below.

C. Additional Pre-Final and Final Remedial Design Report Requirements

The pre-final and final RD reports shall include final plans and specifications, and, shall also include:

1. A discussion of the manner in which the design components detailed in Section IV., above, for the RA are considered in the design;
2. Table of Contents for the specifications, including a listing of items from the Construction Specifications Institute master format that are expected to be included in the construction specifications. This master format is presented in

the Construction Specifications Institute's Manual of Practice, 1985 edition, available from the Construction Specifications Institute, 601 Madison Street, Alexandria, Virginia 22314;

3. Engineering plans representing an accurate identification of existing site conditions and an illustration of the work proposed. Typical items to be provided on such drawings include, at a minimum, the following:

a. Title sheet including at least the title of the project, a key map, the name of the designer, date prepared, sheet index, and EPA/NJDEP Project identification;

b. All property data including owners of record for all properties within 200 feet of the Sites;

c. A site survey including the distance and bearing of all property lines that identify and define the project site;

d. All easements, rights of way, and reservations;

e. All buildings, structures, wells, facilities, and equipment (existing and proposed) if any;

f. A topographic survey, including existing and proposed contours and spot elevations for all areas that will be affected by the remedial activities, based on U.S. Coast and Geodetic Survey data;

g. All utilities, existing and proposed;

h. Location and identification of all significant natural features including, inter alia, wooded areas, water courses, wetlands, flood hazard areas, and depressions;

i. Flood hazard data and 100-year and 500-year flood plain delineation;

j. North arrow, scale, sheet numbers and the person responsible for preparing each sheet;

k. Decontamination areas, staging areas, borrow areas and stockpiling areas;

l. Miscellaneous detail sheets;

m. Definitions of all symbols and abbreviations; and

n. A specification for a sign at the site. The sign should describe the project, the name of the contractor performing the RD/ RA work or the PRP Group, state that the project is being performed under EPA oversight, and provide EPA contact for further information.

4. Survey work that is appropriately marked, recorded and interpreted for mapping, property easements and design completion;

5. Drawings of all proposed equipment, improvements, details and all other construction and installation items to be developed in accordance with the current standards and guidelines of the State of New Jersey. Drawings shall be of standard size, approximately 24" x 36". A list of drawing sheet titles will be provided;

6. Engineering plans (as necessary) indicating, at a minimum, the following:

- a. Site security measures;
- b. Roadways; and
- c. Electrical, mechanical, structural; as required.

7. Any value engineering proposals.

8. A Construction Quality Assurance Project Plan (CQAPP), which shall detail the approach to quality assurance during construction activities at the Sites, shall specify a quality assurance official (QA Official), independent of the RA Contractor, to conduct a quality assurance program during the construction phase of the project. The CQAPP shall address sampling, analysis, and monitoring to be performed during the remedial construction phase of the Work. Quality assurance items to be addressed include, at a minimum, the following:

- a. Inspection and certification of the Work;
- b. Measurement and daily logging;
- c. Field performance and testing;
- d. As built drawings and logs; and
- e. Testing of the RA Work to establish whether the design specifications have been attained.

9. A report describing those efforts made to secure access and institutional controls and obtain other approvals and the results of those efforts (see Sections IV. G., and V.C., above). Legal descriptions of property or easements to be acquired shall be provided, along with the final engineer's construction cost estimate.

10. A plan for implementation of construction and construction oversight.

11. A method for selection of the construction contractor(s).

12. An engineer's construction cost estimate (final estimate shall be included in Final RD).

13. A proposed schedule for implementing all of the above.

VIII. APPROVAL OF REMEDIAL DESIGN REPORTS

A. EPA will review and comment on the RD Reports. Settling Defendants shall make those changes required by the EPA's comments/modifications in accordance with the procedures set forth in Section XI of the Consent Decree.

B. Changes required by EPA's comments on the Preliminary RD Report shall be made in the Pre-final RD Report. Changes required by EPA's comments on the Pre-final RD Report shall be made in the Final RD Report.

C. EPA will either approve the Final RD Report or require modifications, in accordance with the procedures set forth in Section XI of the Consent Decree.

IX. REMEDIAL ACTION

A. Within sixty (60) days of EPA's approval of the Final Design Report, Settling Defendants shall award a contract for the RA at the ARC Site. Settling Defendants shall notify EPA in writing of the name, title, and qualifications of any construction contractor proposed to be used in carrying out work under this Consent Decree. With respect to any proposed construction contractor, Settling Defendants shall demonstrate that the proposed construction contractor has a quality system that complies with ANSI/ASQC E4-1994, "Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs (American National Standard, January 5, 1995), by submitting a copy of the proposed project manager's QMP. The QMP should be prepared in accordance with the specifications set forth in "EPA Requirements for Quality Management Plans (QA/R-2)," (EPA/240/B-01/002, March 2001) or equivalent documentation as determined by EPA. EPA shall thereafter provide written notice of the name(s) of the contractor(s) it approves, if any. Settling Defendants may select any approved contractor from that list and shall notify EPA of the name of the contractor selected within twenty one (21) days of EPA's designation of approved

contractors. If at any time Settling Defendants proposes to change the construction contractor, Settling Defendants shall notify EPA and shall obtain approval from EPA as provided in this paragraph, before the new construction contractor performs any work under this Consent Decree. If EPA disapproves of the selection of any contractor as the construction contractor, Settling Defendants shall submit a list of contractors that would be acceptable to them to EPA within thirty (30) days after receipt of EPA's disapproval of the contractor previously selected.

B. Within sixty (60) days of the award of the RA contract, Settling Defendants shall submit an RA Work Plan for remedial construction activities at the ARC Site. The RA Work Plan shall include, at a minimum, the following items:

i) If applicable, a "Request for Modification of Approved Final RD Report," including any requests for modification of the approved Final Design Report, based on construction methods identified by the contractor(s), or proposed modification of the construction schedule developed under Section VII., above, or any other requests for modification, subject to EPA approval in its sole discretion.

ii) A Site Management Plan (SMP) for RA activities. The SMP for RA shall include, at a minimum, the following items:

(1) Tentative identification of the RA Project Team (including, but not limited to the Construction Contractor).

(2) A final schedule for the completion of the RA and all major tasks therein, as well as a schedule for completion of required plans, and other deliverables (see Section V. C., above).

(3) Methodology for implementation of the Construction Quality Assurance Project Plan (developed during the RD).

(4) Procedures and plans for the decontamination of construction equipment and the disposal of contaminated materials.

(5) Methods for satisfying any permitting requirements.

(6) Discussion of the methods by which construction operations shall proceed. Discussion shall include the following:

(a) Timing of and manner in which activities shall be sequenced;

(b) Preparation of the Sites including security, utilities, decontamination facilities, construction trailers, and equipment storage;

(c) Coordination of construction activities;

- (d) Site maintenance during the RA;
 - (e) Coordination with local authorities regarding contingency planning and potential traffic obstruction; and
 - (f) Entry and access to the Sites during the construction period(s) and periods of inactivity, including provisions for decontamination, erosion control, and dust control.
- (7) Identification of all off-site facilities to which site material will be sent, and description, for each facility, of the proposed materials for disposal and method of management of those materials.
- (8) Implementation of the photograph/slide plan to record the progress of the remedial construction work.
- (9) Discussion of construction quality control, including:
- (a) Methods of performing the quality control inspections, including when inspections should be made and what to look for;
 - (b) Control testing procedures for each specific test. This includes information which authenticates that personnel and laboratories performing the tests are qualified and the equipment and procedures to be used comply with applicable standards;
 - (c) Procedures for scheduling and managing submittals, including those of subcontractors, off-site fabricators, suppliers, and purchasing agents;
 - (d) Reporting procedures including frequency of reports and report formats; and
 - (e) Procedures to be used to determine whether performance standards are being achieved, and reporting procedures and frequency for results of such testing.
- (iii) A Quality Assurance/Quality Control Project Plan (QAPP) for the Remedial Construction phase of the Work shall be prepared consistent with EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations, (EPA QA/R-5, October 1998) (see Section V. A., above, for QAPP requirements).
- (iv) An updated HSCP for the RA phase of the Work (see Section V. B., above, for HSCP requirements). The HSCP shall address health and safety measures to be implemented and observed by construction personnel, as well as

recommended health and safety measures for the adjacent community and general public. The HSCP shall include the name of the person responsible in the event of an emergency situation, as well as the necessary procedures that must be taken in the event of an emergency, as outlined in the Consent Decree.

C. Approval of Remedial Action Work Plan

EPA will either approve the RA Work Plan or require modification of it in accordance with the procedures set forth in Section XI of the Consent Decree.

D. Performance of Remedial Action

i) Upon the EPA's written approval of the RA Work Plan for the ARC Site, Settling Defendants shall initiate and perform the remedial action in accordance with the RA Work Plan and the approved Final Design Report, which includes the approved RA schedule.

ii) During performance of the RA, Settling Defendants may identify and request EPA approval for field changes to the approved RA Work Plan for the ARC Site, Final Design Report and RA schedule, as necessary, to complete the work. EPA will either approve, disapprove, or require modification of any requests for field changes in accordance with the procedures set forth in Section XI of the Consent Decree.

X. PRE-FINAL AND FINAL INSPECTIONS, REMEDIAL ACTION REPORT, NOTICE OF CONSTRUCTION COMPLETION

A. At least fourteen (14) days prior to the completion of construction, Settling Defendants and their contractor(s) shall be available to accompany EPA personnel and/or their representatives on a pre-final inspection. The pre-final inspection shall consist of a walkover of the Sites to determine the completeness of the construction its consistency with the RD Reports, the Consent Decree, the ROD and applicable federal and state laws, rules, and regulations.

B. Following the pre-final inspection, EPA will either specify the necessary corrective measures to the construction phase of the RA, or determine that construction is complete. If EPA requires corrective measures, Settling Defendants shall undertake the corrective measures according to a schedule approved by EPA. Within fourteen (14) days after completion of the construction of the corrective measures, Settling Defendants and their contractor(s) shall be available to accompany EPA personnel or their representatives on an inspection as provided for in the preceding paragraph. Said inspection will be followed by further directions and/or notifications by EPA as provided above in this paragraph.

C. Within twenty-one (21) days of the date that Settling Defendants concludes that they have met the Performance Standards as specified in the ROD and this SOW, Settling Defendants shall schedule and conduct a final inspection to be attended by

Settling Defendants, EPA, NJDEP, and/or their respective representatives. The final inspection will consist of a walk-through of the project to determine the completeness of the RA and its consistency with the ROD, this SOW, and the consent decree. EPA may direct Settling Defendants to correct any deficiencies identified during the inspection. Settling Defendants shall implement the tasks necessary to correct any deficiencies in accordance with the specifications and schedules established by EPA.

D. Within fourteen (14) days of completion of the tasks, Settling Defendants shall be available to accompany EPA and NJDEP personnel and/or their respective representatives on a follow-up inspection. Within thirty (30) days of EPA's determination that construction is complete as set forth in Subsection B., above, Settling Defendants shall submit a Draft RA Report, as set forth in Subsection E., below.

E. The Draft RA Report for the Atlantic Resources site set forth in Subsection D, above, shall include the following sections:

i) Introduction

- (1) Include a brief description of the location, size, environmental setting, and operational history of the Sites.
- (2) Describe the operations and waste management practices that contributed to contamination of the Sites.
- (3) Describe the regulatory and enforcement history of the Sites.
- (4) Describe the major findings and results of site investigation activities.
- (5) Describe prior removal and remedial activities at the Sites.

ii) Background

- (1) Summarize requirements specified in the ROD. Include information on the cleanup goals, institutional controls, monitoring requirements, operation and maintenance requirements, and other parameters applicable to the design, construction, operation, and performance of the RA.
- (2) Provide additional information regarding the basis for determining the cleanup goals, including planned future land use.
- (3) Summarize the RD, including any significant regulatory or technical considerations or events occurring during the preparation of the RD.

- (4) Identify and briefly discuss any ROD amendments, explanation of significant differences, or technical impracticability waivers.

iii) Construction Activities

- (1) Provide a step-by-step summary description of the activities undertaken to construct and implement the RA (e.g., mobilization and site preparatory work; operation of the treatment/stabilization technology; associated site work, such as fencing and water collection and control; and sampling activities).

- (2) Refer the reader to the Appendices for characteristics, site conditions, and operating parameters for the system.

iv) Chronology of Events

- (1) Provide a tabular summary that lists the major events for the RA and associated dates of those events, starting with ROD signature.

- (2) Include significant milestones and dates, such as, RD submittal and approval; ROD amendments; mobilization and construction for the remedy; significant operational events such as treatment system, application start-up, monitoring and sampling events, system modifications, operational down time, variances or noncompliance situations, and final shutdown or cessation of operations; final sampling and confirmation-of-performance results; required inspections; demobilization; and startup of post-construction operation & maintenance activities.

v) Performance Standards and Construction Quality Control

- a. Describe the overall performance of the technology in terms of comparison to Performance Standards.

- b. For treatment remedies, identify the quantity of material treated, the strategy used for collecting and analyzing samples, and the overall results from the sampling and analysis effort.

- c. Provide an explanation of the approved construction quality assurance and construction quality control requirements or cite the appropriate reference for this material. Explain any substantial problems or deviations.

- d. Provide an assessment of the performance data quality, including the overall quality of the analytical data, with a brief discussion of QA/QC procedures followed, use of a QAPP, comparison of analytical data with data quality objectives.

vi) Final Inspection and Certifications

- a. Report the results of the various RA contract inspections, and identify noted deficiencies.
- b. Briefly describe adherence to health and safety requirements while implementing the RA. Explain any substantial problems or deviations.
- c. Summarize details of the institutional controls (e.g., the type of institutional control, who will maintain the control, who will enforce the control).
- d. Describe results of pre-certification inspection.
- e. This section shall include a certification statement, signed by a responsible corporate official of one or more of the Settling Defendants or by the Settling Defendants' Project Coordinator, which states the following:

"To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

vii) Summary of Project Costs

- a. Provide the actual final costs for the project. If actual costs are not available, provide estimated costs.
- b. Provide the costs previously estimated in the ROD for the selected remedy, including, as applicable, RA capital costs, RA operating costs, and number of years of operation. Adjust the estimates to the same dollar basis year as the actual project costs, and provide the index used.
- c. Compare actual RA costs to the adjusted ROD estimates. If outside range of -30 to +50 percent, explain the reasons for differences.
- d. For treatment remedies, calculate unit costs based on the sum of the actual RA capital and RA operating costs divided by the quantity of material treated.
- e. Refer the reader to the Appendix for a detailed breakdown of costs.

viii) Observations and Lessons Learned

Provide site-specific observations and lessons learned from the project, highlighting successes and problems encountered and how they were resolved.

ix) Contact Information

Provide contact information (names, addresses, phone numbers, and contract/reference data) for the major design and remediation contractors, as applicable.

x) Appendices: Cost and Performance Summary

a. The specific parameters for documenting cost and performance information are presented in the Guide to Documenting and Managing Cost and Performance Information for Remediation Projects, EPA 542-B-98-007.

b. Identify the matrix characteristics and site conditions that most affected the cost and performance, the corresponding values measured for each characteristic or condition, and the procedures used for measuring those characteristics or conditions.

c. Identify the operating parameters specified by the remediation contractor that most affected the cost and performance, the corresponding values measured for each parameter, and the procedures used for measuring those parameters.

d. Provide a detailed breakout of the actual RA capital costs.

e. Provide supplemental information in appendices to the RA Report. These could include a map of the Sites and operable unit, supplemental performance information, and a list of references.

f. EPA will either approve the Draft RA Report, thus making it the Final RA Report, require modifications, and/or require corrective measures to fully and properly implement the RA(s), in accordance with Subsection X.B. or C., above.

XI. INTERIM MONITORING PLAN

A. Within 60 days after lodging of the Consent Decree, the Settling Parties shall submit to EPA an Interim Monitoring Plan ("IMP") to evaluate ground-water conditions at the ARC Site during the implementation of the RD and RA.

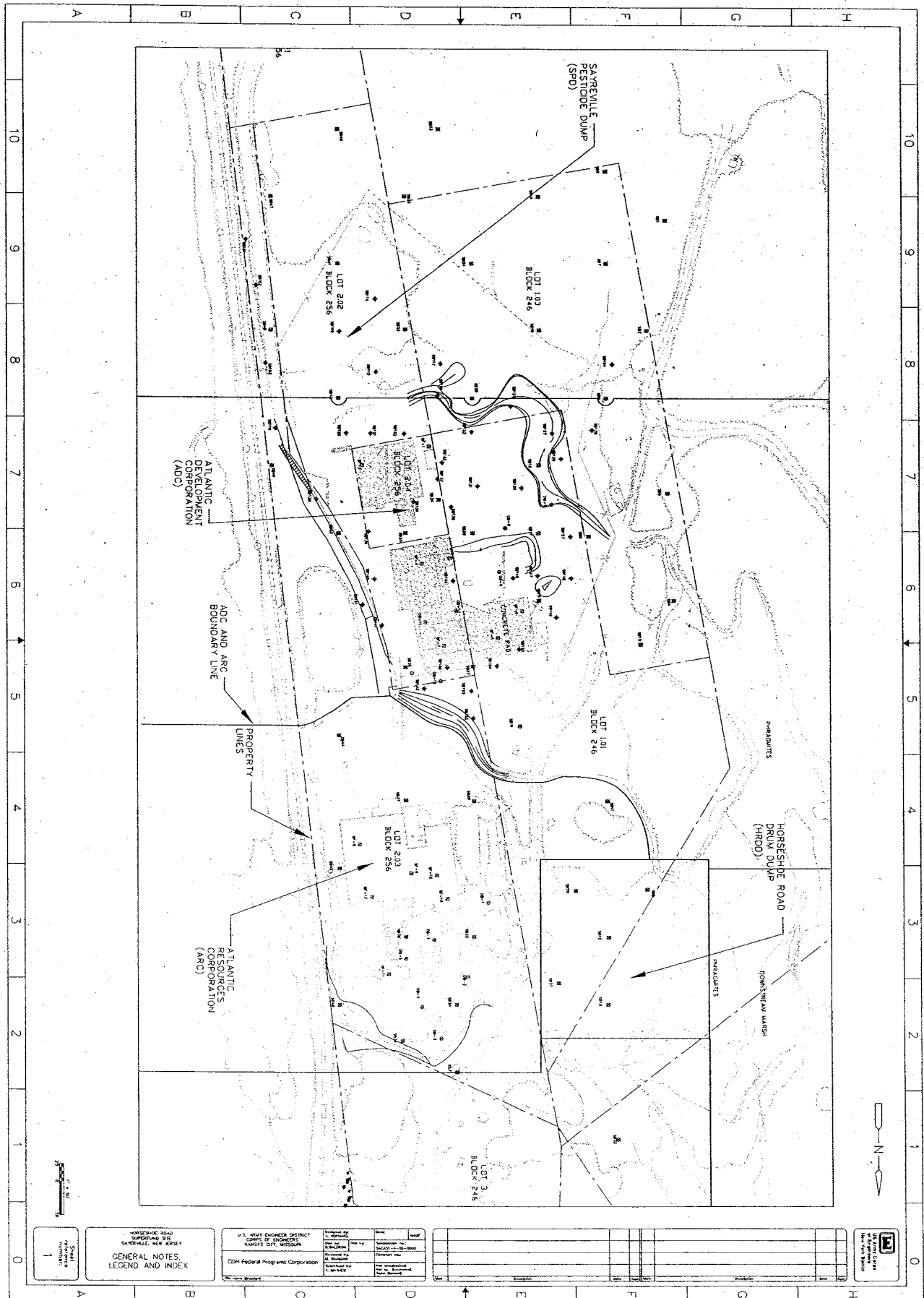
B. The IMP shall include:

1. A plan for monitoring the ground-water at the ARC Site on a quarterly basis, unless a decrease in sampling frequency has been approved by EPA.
2. A QAPP for IMP activities consistent with Section V.A., above.
3. An HSCP for IMP activities;

4. A description of work to be performed under the IMP; and
 5. A IMP schedule that identifies the frequency of monitoring and when these activities commence.
- C. EPA will either approve the IMP Plan, or require modification of it, in accordance with the procedures set forth in the Consent Decree.
- D. The Settling Parties may request less frequent sampling subject to EPA's approval.

XII. LONG-TERM MONITORING PLAN

- A. Within sixty (60) days of approval of the Remedial Action Report, the Settling parties shall submit to EPA a long-term Monitoring ("LTM") Plan.
- B. The LTM Plan shall include, at a minimum, the following:
1. A plan to monitor the ground-water at the ARC site on a quarterly basis, unless a decrease in sampling frequency has been approved by EPA.
 2. A QAPP for LTM activities consistent with Section V.A., above.
 3. An HSCP for LTM activities;
 4. A description of work to be performed under LTM activities; and
 5. A LTM schedule, that identifies the frequency of monitoring and when these activities will commence.
- C. EPA will either approve the LTM Plan, or require modification of it, in accordance with the procedures set forth in Section XI of the Consent Decree.



GENERAL NOTES:
LEGEND AND INDEX

U.S. WEST ENGINEERING DISTRICT
COUNTY OF SHERMAN
KANSAS CITY, MISSOURI
CDM Federal Programs Corporation
Date: 11/11/88
Project No: 11-11-88-0001
Drawing No: 11-11-88-0001-01
Sheet No: 1 of 1
Scale: 1" = 100'



APPENDIX D

to Consent Decree in the matter of
United States of America v.
relating to the Atlantic Resources Corp. Superfund Site
form of

ENVIRONMENTAL PROTECTION EASEMENT

[in the event deed restrictions have been finalized at the time this easement is executed, add: **AND DECLARATION OF RESTRICTIVE COVENANTS**]

This Environmental Protection Easement [in the event deed restrictions have been finalized at the time this easement is executed, add: and Declaration of Restrictive Covenants] is made this ____ day of _____, 200__ by and between _____ ("Grantor"), having an address of _____ and _____, ("Grantee") having an address of _____.

WITNESSETH:

WHEREAS, Grantor is the owner of a parcel of land located in the county of Middlesex, State of New Jersey, more particularly described on Exhibit A attached hereto and made a part hereof together with any buildings and improvements thereon and appurtenances thereto (the "Property"); and

WHEREAS, the Property is part of the Atlantic Resources Corp. Superfund Site ("ARC Site"), which the U.S. Environmental Protection Agency ("EPA"), pursuant to Section 105 of the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42 U.S.C. § 9605, placed on the National Priorities List, as set forth in Appendix B of the National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 C.F.R. Part 300, by publication in the Federal Register on September 5, 2002, Fed. Reg. __; and

WHEREAS, in a Record of Decision dated September 30, 2004 (the "ROD"), the Regional Administrator of EPA Region II selected, and the State of New Jersey concurred with, a remedial action for the ARC Site, which provides, in part, for the following actions: (1) excavation of contaminated soils for transport for disposal or treatment; (2) backfilling and grading of all excavated areas with clean fill; (3) institutional controls, such as a deed notice or covenant, to prevent exposure to contaminated residual soils that may exceed levels that would allow for unrestricted use; (4) institutional controls, including a Classification Exception Area, to restrict the installation of wells and the use of groundwater in the area of groundwater contamination; and (5) implementation of a long-term groundwater

sampling and analysis program to monitor the nature and extent of groundwater contamination at the Site, in order to assess the migration and possible attenuation of the groundwater contamination over time; and

WHEREAS, grantee _____ has agreed to perform the remedial action selected in the ROD for the ARC Site in accordance with the Consent Decree; and

WHEREAS, the parties hereto have agreed that Grantor shall grant [in the event deed restrictions have been finalized at the time this easement is executed replace: "an easement" with "a permanent easement"] an easement and covenant to provide a right of access over the Property to the Grantee [or the United States on behalf of the EPA and its representative] for purposes of implementing, facilitating and monitoring the response action; and [in the event deed restrictions have been finalized at the time this easement is executed add: to provide a means of enforcing the restrictions imposed on the Property pursuant to the Consent Decree that will run with the land for the purpose of protecting human health and the environment;]

NOW, THEREFORE:

1. Grant: Grantor, on behalf of itself, its successors and assigns, in consideration of the terms of the Consent Decree in the case of *United States of America v. _____*, Civ. No. _____ United States District Court for the District of New Jersey ("Consent Decree") and other good and valuable consideration, does hereby give, grant, covenant and declare in favor of the Grantee that the Property shall be subject to the rights of access set forth below in paragraph 5, and does give, grant and convey to the Grantee with general warranties of title the [in the event deed restrictions have been finalized at the time this easement is executed, add: perpetual] right to enforce the rights of access [in the event deed restrictions have been finalized at the time this easement is executed, add: and restrictions on use imposed pursuant to the Consent Decree, and delete "during performance of the Work"] during performance of the Work in the area of the Property to which the easement is granted.
2. Purpose: It is the purpose of this instrument to convey to the Grantee an easement which will run with the land, for access for the purpose of conducting any activity related to, the Consent Decree [in the event deed restrictions have been finalized a the time this easement is executed, add: and for the purpose of enforcing land/water use restrictions or other restrictions imposed pursuant to the Consent Decree].
1. Restrictions on use: The following restrictions on use apply to the use of the Property, run with the land and are binding on the Grantor: Institutional Controls in the form of deed restrictions and/or deed notices may be required to restrict

exposure to contaminated residual soils at the ARC Site that may exceed levels that would allow for unrestricted use and for the purpose of restricting the installation of wells and the use of ground water until ground water cleanup standards are achieved. If such Institutional Controls are required, Settling Defendant shall secure Institutional Controls in accordance with the procedures set forth in the Consent Decree. The restrictions shall be maintained until EPA notifies Settling Defendant that EPA has determined, after a reasonable opportunity for review and comment by the State of New Jersey, that the restrictions may be lifted from the Site, or a portion of the Site, without posing a threat to human health and the environment.

2. Modification or termination of restrictions: The restrictions on use specified in the preceding paragraph of this instrument may only be modified, or terminated in whole or in part, in writing, by the Grantee, with the prior consent of EPA, provided, however, that any modification or termination of said restrictions shall not adversely affect the remedy selected by EPA for the ARC Site. If requested by the Grantor, such writing will be executed by Grantee in recordable form.
3. Terms of Right of access: A right of access to the Property at all reasonable times for the following purposes shall run with the land and be binding on Grantor:
 - a. monitoring the Work;
 - b. verifying any data or information submitted to the United States (or the State);
 - c. conducting investigations relating to contamination at or near the ARC Site;
 - d. obtaining samples;
 - e. assessing the need for, planning, or implementing additional response actions (e.g., as set forth in paragraph 19 of the Consent Decree) at or near the ARC Site;
 - f. implementing the Work pursuant to the conditions set forth in Paragraph ___ of the Consent Decree;
 - g. inspecting and copying records, operating logs, contracts, or other documents maintained or generated by Settling Defendant or its agents, consistent with Section XXIV (Access to Information) of the Consent Decree;
 - h. assessing Settling Defendant's compliance with the Consent Decree; and
 - i. determining whether the ARC Site or other property is being used in a manner that is prohibited or restricted; or that may need to be prohibited or restricted, by or pursuant to the Consent Decree;

[in the event that deed restrictions have been finalized at the time this easement is executed, add: (j) enforcing restrictions, or any modifications thereto, on use imposed pursuant to the Consent Decree.]

- f. Reserved rights of Grantor: Grantor hereby reserves unto itself, its successors, and assigns, all rights and privileges in and to the use of the Property which are not incompatible with the restrictions, controls, rights, covenants and easements granted herein.
- g. Federal authority: Nothing in this document shall limit or otherwise affect EPA's rights of entry and access or EPA's authority to take response actions under CERCLA, the NCP, or other federal law.
- h. No public access and use: No right of access or use by the general public to any portion of the Property is conveyed by this instrument.
- i. Public notice: Grantor agrees to include in each instrument conveying any interest in any portion of the Property, including but not limited to deeds, leases and mortgages, a notice which is in substantially the following form:

**NOTICE: THE INTEREST CONVEYED HEREBY IS
SUBJECT TO AN ENVIRONMENTAL PROTECTION
EASEMENT, DATED _____, 20__, RECORDED IN
THE COUNTY CLERK'S OFFICE, _____ COUNTY,
STATE OF NEW JERSEY, ON _____, 20__, IN
BOOK _____, PAGE _____, IN FAVOR OF, AND
ENFORCEABLE BY, THE [insert name of grantee] AND
BY THE UNITED STATES OF AMERICA AND THE STATE
OF NEW JERSEY AS THIRD PARTY BENEFICIARIES.**

Within thirty (30) days of the date any such instrument of conveyance is executed, Grantor agrees to provide Grantee and EPA with a certified true copy of said instrument and, if it has been recorded in the public land records, its recording reference.

- j. Enforcement: The Grantee shall be entitled to enforce the terms of this instrument by resort to specific performance. All remedies available hereunder shall be in addition to any and all other remedies at law or in equity, including CERCLA. Any forbearance, delay or omission to exercise Grantee's rights under this instrument in the event of a breach of any term of this instrument shall not be deemed to be a waiver by the Grantee of such term or of any of the rights of the Grantee under this instrument.

- k. Waiver of certain defenses: Grantor hereby waives any defense of laches, estoppel, or prescription.
- l. Covenants: Grantor hereby covenants to and with the Grantee and its assigns, that the Grantor is lawfully seized in fee simple of the Property, that the Grantor has a good and lawful right and power to sell and convey it or any interest therein, subject only to the encumbrances listed in Exhibit B, that the Property is free and clear of encumbrances and that the Grantor will forever warrant and defend the title thereto and the quiet possession thereof.
- m. Notices: Any notice, demand, request, consent, approval, or communication under this instrument that either party desires or is required to give to the other shall be in writing and shall either be served personally or sent by first class mail, postage prepaid, addressed as follows:

To Grantor:

To Grantee:

A copy of each such communication shall also be sent to the following:

To EPA:

Chief, New Jersey Superfund Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 19th Floor
New York, NY 10007-1866
Attention: Atlantic Resources Corp. Superfund Site
Remedial Project Manager

To NJDEP:

[Insert name and address]

and to:

Chief, New Jersey Superfund Branch
Office of Regional Counsel
U.S. Environmental Protection Agency, Region II
290 Broadway, 17th Floor
New York, NY 10007-1866
Attention: Atlantic Resources Corp. Superfund Site Attorney

- n. General provisions:

- a) Controlling law: The interpretation and performance of this instrument shall be governed by the laws of the State of New Jersey.
- b) Liberal construction: Any general rule of construction to the contrary notwithstanding, this instrument shall be liberally construed in favor of the grant to effect the purpose of this instrument and the policy and purpose of CERCLA. If any provision of this instrument is found to be ambiguous, an interpretation consistent with the purpose of this instrument that would render the provision valid shall be favored over any interpretation that would render it invalid.
- c) Severability: If any provision of this instrument, or the application of it to any person or circumstance, is found to be invalid, the remainder of the provisions of this instrument, or the application of such provisions to persons or circumstances other than those to which it is found to be invalid, as the case may be, shall not be affected thereby.
- d) Entire agreement: This instrument and those portions of the Consent Decree to which it refers set forth the entire agreement of the parties with respect to rights and restrictions created herein; provided that nothing in this instrument shall be deemed to alter or modify the Consent Decree.
- e) No forfeiture: Nothing contained herein will result in a forfeiture or reversion of Grantor's title in any respect.
- f) Joint obligation: If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.
- g) Successors: The covenants, easements, terms, conditions, and restrictions of this instrument shall be binding upon, and inure to the benefit of, the parties hereto and their respective personal representatives, heirs, successors, and assigns and shall continue as a servitude running in perpetuity with the Property. The term "Grantor", wherever used herein, and any pronouns used in place thereof, shall include the persons and/or entities named at the beginning of this document, identified as "Grantor" and their personal representatives, heirs, successors, and assigns. The term "Grantee", wherever used herein, and any pronouns used in place thereof, shall include the persons and/or entities named at the beginning of this document, identified as "Grantee" and their personal representatives, heirs, successors, and assigns.
- h) Captions: The captions in this instrument have been inserted solely for convenience of reference and are not a part of this instrument and shall have no effect upon construction or interpretation.

i) Counterparts: The parties may execute this instrument in two or more counterparts, which shall, in the aggregate, be signed by both parties; each counterpart shall be deemed an original instrument as against any party who has signed it. In the event of any disparity between the counterparts produced, the recorded counterpart shall be controlling.

j) Third-Party Beneficiary: Grantor and Grantee hereby agree that EPA and NJDEP shall be, on behalf of the public, third-party beneficiaries of the benefits, rights and obligations conveyed to Grantee in this instrument; provided that nothing in this instrument shall be construed to create any obligations on the part of EPA or NJDEP.

TO HAVE AND TO HOLD unto the Grantee and its assigns forever.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Executed this _____ day of _____, 200__.

By: _____

Its: _____

STATE OF _____)
) ss
COUNTY OF _____)

On the _____ day of _____ in the year _____ before me personally came _____ to me known, who, being duly sworn, did depose and say that he/she/they reside(s) in _____ [if the place of residence is in a city, include the street and street number, if any, thereof]; that he/she/they is [are] the [president or other officer or director or attorney in fact duly appointed] of the [name corporation], the corporation described in and which executed the above instrument; that he/she/they know(s) the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the board of directors of said corporation, and that he/she/they signed his/her/their name(s) thereto by like authority.

Witness my hand and official seal hereto affixed the day and year written above.

Notary Public in and for the
State of _____

My Commission Expires: _____.

This instrument is accepted this _____ day of _____, 200__.

[insert name of grantee]

By: _____

STATE OF _____)
COUNTY OF _____) ss

On the _____ day of _____ in the year _____ before me personally came _____ to me known, who, being duly sworn, did depose and say that he/she/they reside(s) in _____ [if the place of residence is in a city, include the street and street number, if any, thereof]; that he/she/they is [are] the [president or other officer or director or attorney in fact duly appointed] of the [name corporation], the corporation described in and which executed the above instrument; that he/she/they know(s) the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the board of directors of said corporation, and that he/she/they signed his/her/their name(s) thereto by like authority.

Witness my hand and official seal hereto affixed the day and year written above.

Notary Public in and for the
State of _____

My Commission Expires: _____.

Attachments:	Exhibit A	-	legal description of the Property
	Exhibit B	-	List of encumbrances

ARC/HRDD RD/RA TRUST AGREEMENT

THIS TRUST AGREEMENT is made as of this _____ day of _____, 2006, by and among the parties identified on Appendix A attached hereto ("Transferors"), whose authorized representatives have executed this Agreement, and *de maximis, inc.* ("Trustee"), whose authorized representative has executed this Agreement;

WHEREAS the United States Environmental Protection Agency ("EPA") alleges there have been releases and threats of releases of hazardous substances at the Atlantic Resources Corporation Superfund Site ("ARC Site") and the Horseshoe Road Drum Dump portion of the Horseshoe Road Superfund Site ("HRDD Site") in Sayreville, New Jersey (hereinafter, collectively referred to as the "Sites"), and, as a result, the EPA designated the Sites as Superfund sites by placing them, pursuant to Section 105 of CERCLA, 42 U.S.C. Section 9605, on the National Priorities List;

WHEREAS EPA has incurred costs for response actions in connection with both the ARC and HRDD Sites;

WHEREAS Transferors and the "Settling Federal Agency" as defined below have agreed to resolve liability by and between themselves and the EPA to finance costs related to performance of the "Work" on "Operable Unit Two" activities at ARC Site and the HRDD Site, as prescribed within a Remedial Design & Remedial Action Consent Decree (Civil Action No.: _____, executed on _____) (hereinafter the "Consent Decree") and to resolve claims for payment of Past and Future Response Costs as more fully defined by and described in said Consent Decree;

WHEREAS the Consent Decree requires the establishment of a trust fund for the receipt of settlement payments to be made by the "Settling Federal Agency" to Transferors under the Consent Decree, including the payment of the estimated costs to perform the Work and to reimburse EPA for Future Response Costs under the Consent Decree;

WHEREAS Trustee and the Transferors intend to establish a "qualified settlement fund" under Section 468B of the Internal Revenue Code and the Treasury Regulations thereunder; and

WHEREAS Transferors have entered into a separate agreement between and among themselves known as the Joint Defense and Participation Agreement For Operable Unit 2 PRP Group (the "Participation Agreement") and the ARC/HRDD RD/RA Remediation Trust Agreement to provide, *inter alia*, a funding mechanism for meeting the Settling Defendants' obligations of the Consent Decree.

NOW THEREFORE, the Trustee hereby agrees it will receive, hold, disburse, invest and reinvest the Monies contributed to the trust established herein ("Trust"), subject to the terms, provisions and conditions hereinafter set forth:

1 DEFINITIONS

1.1 The term "Consent Decree" shall mean the Consent Decree (Civil Action No.: _____, executed on _____) providing for the performance of a Remedial Design/Remedial Action ("RD/RA") at the Atlantic Resources Corporation Superfund Site ("ARC Site") and Remedial Design at the Horseshoe Road Drum Dump portion of the Horseshoe Road Superfund Site ("HRDD Site") in Sayreville, New Jersey. A copy of the Consent Decree is attached hereto as Appendix B.

1.2 The term "Sites" shall mean the ARC Site located at Horseshoe Road, in the City of Sayreville, Middlesex County, New Jersey designated as Block 256, Lot 2.03 on the Municipal Tax Map of the Borough of Sayreville and any areas where hazardous substances have migrated therefrom and the HRDD Site shall mean the Horseshoe Road Drum Dump portion of the Horseshoe Road Superfund Site adjacent to the ARC Site as depicted on the map attached hereto as Appendix C.

1.3 The term "Trustee" shall mean *de maximis, inc.*, and any successor or successors who act as Trustee hereunder.

1.4 The terms "Transferors" and "Settling Defendants" shall mean, collectively, the parties listed on Appendix A whose authorized representatives have executed this Agreement.

1.5 The term "Executive Committee" or "Technical Committee" shall mean the group of individuals designated by the Transferors to oversee certain aspects of the "Work" and to deal with the Trustee, as provided herein.

1.6 The term "Settling Federal Agency" shall mean shall mean the United States Department of Defense, including all of its departments, offices, agencies, activities, commands, and instrumentalities, which is resolving any claims which have been or could be asserted against it with regard to the Sites as provided in the Consent Decree.

1.7 The term the "Work" shall mean all activities Transferors are required to perform under the Consent Decree, except those required by Section XXV (Retention of Records). This definition of "Work" does not include Remedial Action at the HRDD Site.

1.8 "Operable Unit Two" shall mean those response actions pertaining to soils and groundwater at the Sites.

1.9 "Contractor" shall mean a qualified person or entity designated to perform the Work on behalf of the Settling Defendants.

1.10 The term "EPA" shall mean the United States Environmental Protection Agency.

2. NAME AND PURPOSE OF THE TRUST.

This Trust establishes the ARC/HRDD RD/RA Trust Fund (the "Trust" or "Fund"). The purpose of the Trust is to, obtain, hold, invest, and disburse funds that are necessary to finance costs that are required for completion of the Work and such other purposes as provided in Paragraph 55.a.(ii) and 55.b. of the Consent Decree. However, in no event shall the Trust property be used to pay stipulated penalties that may be required to be paid pursuant to Section XX of the Consent Decree, nor shall it be used to pay attorney's fees or other litigation costs of the Transferors. To fulfill this purpose, the Trustee shall thoroughly familiarize itself with the terms of the Consent Decree and the Participation Agreement and will take all actions within its power necessary to ensure that the Consent Decree is fully effectuated with respect to the performance of the Work.

All property funds contributed to this Trust will be contributed by the Grantors and the Settling Federal Agency and all income and principal of the Trust shall be held and administered for or distributed to the Transferors subject to the duties and powers of the Trustee.

3. CONTRIBUTION TO THE FUND.

3.1 Initial Payments into the Fund. The Fund will be established upon receipt of payment to be made by the Settling Federal Agency pursuant to Paragraph 55.a.(ii) of the Consent Decree which shall constitute the initial contribution to the Fund.

3.2 Additional Payments to the Fund. Additional Payments to the Fund will be made by Settling Federal Agency if and only to the extent required by and in compliance with Paragraph 55.b. of the Consent Decree. Without limitation of the foregoing, Transferors remain committed to ensure completion of the Work consistent with the Consent Decree through a separate funding mechanism or mechanisms which will be sufficient to complete the Work. The Trustee shall keep a record of the total contributions to the Fund by the Settling Federal Agency.

3.3 Nature of Contributions. All contributions by the Settling Federal Agency to the Trustee for the Fund shall be made in immediately available funds. All such contributions, together with the earnings thereon, shall be held as a trust fund for the payment of the costs and expenses to be incurred by the Trustee on behalf of the Trust herein provided.

3.4 No Transferability of Interest. Any interest of any of the Transferors herein, and their obligation to provide funds under this Section, is not transferable, except to a successor corporation or corporations, and any such transferee corporation shall assume the obligations of the transferring Transferors by executing such documents as the Trustee may require.

4. DISPOSITIVE PROVISIONS.

4.1 Payment from the Fund. During the term of this Trust, the Trustee shall make

payments from the Fund as directed by the Executive Committee in order to pay all bills and invoices approved for payment in writing by the Executive Committee or its designated representative. Bills and invoices to be paid by the Trustee after approval by the Executive Committee include, but are not limited to, bills from Contractor(s) and bills for oversight or administration costs incurred with respect to the Sites by or on behalf of the Transferors. Any payment to the United States hereunder shall be made either to the ARC Special Account of the EPA Hazardous Substance Superfund or the HRDD Special Account of the EPA Hazardous Substance Superfund depending on which Site Work is performed as advised by EPA under and in accordance with the Consent Decree.

4.2 No Authority to Conduct Business. The purpose of the Fund is limited to the matters set forth in Sections 2 and 3 hereof, and this Agreement shall not be construed to confer upon the Trustee any authority to carry on any business or activity for profit or to divide the gains therefrom among the Transferors or any of them.

4.3 Time of Termination of Trust. This Trust shall terminate upon the earlier of EPA's approval of Settling Defendants' Certification of Completion of the Work as provided in Paragraph 52 of the Consent Decree or depletion of fund balances through performance of the Work unless the EPA and the Settling Federal Agency otherwise consent to an earlier termination.

4.4 Distribution of Fund Upon Termination. Upon EPA's approval of Settling Defendants' Certification of Completion of the Work as provided in Paragraph 52 of the Consent Decree, the Trustee shall liquidate the assets of the Fund and, notwithstanding Section 4.2 hereof, thereupon distribute the remaining trust property, including all accrued accumulated and undistributed net income, to each of the Transferors in such amounts as determined by the Executive Committee in accordance with the Participation Agreement or any subsequent agreement on allocation among the Transferors.

4.5 Alterations, Amendments, and Revocation. This Trust Agreement may be altered, amended, or revoked from time to time by an instrument in writing executed by the Trustee and by the Transferors.

4.6 Removal of Trustee. The Trustee may be removed with or without cause by the Executive Committee, subject to notice to the Settling Federal Agency and EPA, upon thirty (30) days advance written notice to the Trustee from the Executive Committee.

4.7 Tax Treatment. It is intended that this Trust be a qualified settlement fund under Internal Revenue Code Section 468B and Reg. s. 1468B-1 and taxable as a so-called complex trust to which Internal Revenue Code Sections 661, 662 and 663 apply and not as a partnership, corporation or grantor trust, that is, a trust whose property is deemed to be owned by one or more grantors or other persons pursuant to one or more of Internal Revenue Code Sections 671 through 678. The Trustee shall file income tax returns for the Trust on the assumption that it is a qualified settlement fund, unless and until it is determined or Trustee otherwise has reason to

believe the Trust is other than a qualified settlement fund. In the event this Trust is determined, or is, in the sole judgment of Trustee, at risk of being determined to be other than a trust which is taxable as such a complex trust and it is prudent to reorganize the Trust so that it shall be such a complex trust, then Trustee is authorized to execute such amendment to this Trust, restatements of this Trust, a new trust declaration, instruments of assignment, plans of reorganization and other documents as are appropriate to enable the Trust or a successor to the assets of the Trust to be a trust which is taxable as such a complex trust; provided always, that in no event shall any such reorganization change the purposes hereof, divert the assets of this Trust to purposes other than the original purposes set forth herein or enlarge the powers or responsibilities of Trustee.

5. TRUST MANAGEMENT

The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested in one or more accounts which shall be treated as a single fund without distinction between principal and income. Such investments shall be made in accordance with reasonable guidelines and direction provided to the Trustee by the Executive Committee. All investments shall be made so as to at all times provide sufficient liquidity to meet the anticipated cash needs of the Fund.

5.1 Trustee shall invest and reinvest the principal and income of the Trust only in Permitted Investments. For purposes hereof, "Permitted Investments" shall mean:

- (i) any obligation issued or guaranteed by the United States of America or any State or territory thereof, or any agency or instrumentality of the foregoing, or any money fund which invests solely in the foregoing obligations;
- (ii) any obligation issued or guaranteed by any state or municipality in the United States, or any agency or instrumentality thereof, which is rated A (or better) by Standard & Poor's corporation or Moody's Investor's Service, Inc. at the time of investment;
- (iii) certificates of deposit of, accounts with, repurchase obligations of, or money funds or other obligation of banks or of corporations endowed with trust powers having capital and surplus in excess of \$100,000,000;
- (iv) certificates of deposit of, accounts with, or other obligations of any bank or corporation endowed with trust powers, provided that the full amount of any such certificate of deposit, account, or other obligation is insured by FDIC or FSLIC; and
- (v) commercial paper at the time of investment rated A-1+ by Standard & Poor's Corporation or P-1 by Moody's Investor's Service, Inc.

5.2 In investing, reinvesting, exchanging, selling and managing the Trust funds, Trustee shall discharge its duties with respect to the Trust solely in the interest of accomplishing of the purposes and objectives of this Trust. Trustee may engage the services of an investment adviser or manager, may rely on the advice of such adviser or manager, and may delegate investment decision-making authority to such adviser or manager with respect to management of the Trust. Trustee shall not be personally liable for any action or inaction taken in good faith reliance on the advice of such adviser or manager, nor for prudently delegating, in good faith, its investment decision-making authority to such advisor or manager.

6. EXPRESS POWERS OF TRUSTEE.

Without limiting the powers and discretion conferred upon the Trustee by any other provisions of this Trust Agreement or by law, the Trustee is expressly authorized and empowered as follows:

6.1 **Payment of Expenses of Administration.** To incur and pay any and all charges, taxes, and expenses upon or connected with the Fund in the discharge of its fiduciary obligations under this Agreement. All such payments shall be made using the assets of the Fund.

6.2 **Retention of Property.** To hold and retain all or any part of the Fund in the form in which the same may be at the time of the receipt by the Trustee, as long as they shall deem advisable, notwithstanding that the same may not be authorized by the laws of any state or rules of any court for the investment of trust funds, and without any liability for any loss of principal or income by reason of such retention.

6.3 **Preservation of Principal.** Notwithstanding any other provision in this Agreement, at all times during the term of this Agreement, to hold, invest and reinvest the assets of the Fund, as directed by the Executive Committee, in a manner designed to preserve the accrued income and principal of the Fund for the purposes of the Fund.

6.4 Retention of Investment Advisor and Other Consultants. If directed by the Executive Committee, to engage the services of (and pay reasonable compensation to) an investment advisor, accountants, agents, managers, or other consultants with respect to the management of investments of the Fund, the management of the Fund, or any other matters.

6.5 Execution of Documents or Transfer. If directed by the Executive Committee, to make, execute, acknowledge and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted.

6.6 Extension of Obligations and Negotiations of Claims. To renew or extend the time of payments of any obligation payable to or by the Fund for such periods of time and on such terms as determined by the Executive Committee and to compromise or otherwise adjust all claims in favor of or against the Fund.

6.7 Litigation. To institute and defend litigation on behalf of and in the name of the Fund at the direction of the Executive Committee and upon assurance of reasonable indemnity by the Transferors.

6.8 Execution of Contracts and Agreements. To make, execute, acknowledge and deliver, as Agent for the Trust, any and all contracts or agreements as may be specifically authorized in this Trust Agreement and otherwise at the direction of the Executive Committee.

6.9 Authority of Trustee. To do any and all other acts which they shall deem proper to effectuate the purpose hereof and to exercise the powers specifically conferred upon them by this Trust Agreement.

6.10 Authority to Make Tax Elections. To make any tax elections necessary to ensure the qualification of the Trust as a qualified settlement fund, including, if necessary, relation-back election under Treas. Reg. 1.468B-1(j)(2).

6.11 Discretion in Exercise of Powers. To do any and all other acts which it shall deem proper to effectuate the purpose hereof and to exercise the powers specifically conferred upon it by this Trust.

7. ADVICE OF COUNSEL.

The Trustee may from time to time consult with counsel, who may be counsel to the Transferors or any of them, with respect to any question arising as to compliance with this Trust Agreement. The Trustee shall be fully protected, to the extent permitted by law, in acting in reliance upon the advice of counsel.

8. TRUSTEE COMPENSATION.

Trustee shall be entitled to reasonable compensation for its services as a Trustee under this Trust Agreement, including reimbursement for expenses, reasonably incurred by it in the performance of its duties as Trustee. Fees of Trustee shall be in accordance with a schedule of such fees attached to this Trust Agreement as Appendix F. Any change in fee schedule shall become effective only upon the written approval of the Executive Committee and the representative of the United States designated in paragraph 10.1 for receipt of quarterly reports.

9. RESIGNATION AND APPOINTMENT OF TRUSTEE.

9.1 Trustee may resign at any time by delivering its resignation, in writing, to the Executive Committee, such resignation to take effect ten days after receipt by those parties.

9.2 The Executive Committee may remove the Trustee at any time, by delivering notice of such removal in writing to Trustee, such removal to take effect thirty days thereafter.

9.3 In the event of the bankruptcy, insolvency, death, disability, resignation or removal, as provided above, of the then Trustee, a successor Trustee: (1) shall become Trustee, (2) shall have all of the rights, powers, duties, authority, and privileges as if initially named as a Trustee hereunder; and (3) shall thereupon be vested with title to the Trust without the necessity of any conveyance or instrument.

9.4 Any new successor Trustee shall be designated by the Executive Committee.

9.5 Acceptance of appointment as a new successor Trustee shall be in writing and shall be effective upon delivery to the Executive Committee.

10. INSTRUCTIONS TO THE TRUSTEE.

Notwithstanding any provision herein to the contrary, the Trustee is hereby directed to do the following in addition to other duties set forth in other provisions in this Trust Agreement:

10.1 **Quarterly Reports.** Have prepared quarterly financial reports describing the manner in which all of the assets of the Fund are then invested and the current market value of such assets, as well as the obligations, income, and expenses of the Fund. Copies of such reports shall be transmitted in writing to the Executive Committee and to the United States Department of Justice ("USDOJ"). As to the latter, reports shall be sent to **[NEED INSERT FROM DOJ]** or such other person hereinafter designated in writing to the Trustee by USDOJ.

10.2 **Annual Statements.** Have prepared annual financial statements describing the manner in which all of the assets of the Fund are then invested and the current market value of such assets, as well as the obligations, income, and expenses of the Fund. All financial statements shall be prepared on an annual accrual basis, and shall be in accordance with Generally Accepted Accounting Principles, applied on a consistent basis. Copies of such

statements shall be transmitted in writing to the Executive Committee.

10.3 Counsel. Advise, consult and confer with and otherwise inform the Executive Committee with respect to matters arising out of this Trust Agreement, administration of the Fund, or any other matter which the Trustee, in its discretion, deems appropriate to bring to the attention of the Executive Committee.

10.4 Records. Maintain records of all actions taken by the Trustee with respect to matters arising out of this Trust Agreement or administration of the Fund. Copies of said records shall be provided to the Executive Committee upon request, and upon termination of this Trust said records shall be transmitted, together with all other records of the Trustee, to the Executive Committee.

The Trustee shall have the right to assume, in the absence of written notice to the contrary, that a notice purporting to be from the Executive Committee or Technical Committee has been authorized by such Committee.

11. INDEMNIFICATION

11.1 The Trustee acts as Trustee only and not personally. For any contract, obligation of liability made or incurred by the Trustee in good faith, all persons shall look solely to the Fund and not the Trustee personally. The Trustee shall not incur any liability personal or corporate, of any nature in connection with any act or omission, made in good faith and without negligence, of the Trustee or the Transferors in the administration of the Fund. The Transferors, jointly and severally, will indemnify, defend, and hold harmless, the Trustee from and against any and all claims including but not limited to, any and all liabilities, suits, actions, causes of action, debts, accounts, damages (including injury to persons whether employees or otherwise and to all property), fines, judgments, losses, judicial or administrative proceedings, and reasonable costs and expenses (including attorney, consultant and expert fees), to the extent the same arise out of, or are in any way related to: (1) the Transferors' noncompliance with applicable federal, state, and local laws; (2) the Transferors' noncompliance with the terms and conditions of this Agreement; (3) the Transferors' negligence or willful misconduct that relate, in any way, to the performance of this Agreement; or, (4) Transferors' financial obligations to third parties.

11.2 The Trustee will indemnify, defend, and hold harmless the Transferors and their directors, officers, shareholders, agents or affiliates and subcontractors from and against any and all claims including, but not limited to, any and all liabilities, suits, actions, causes of action, debts, accounts, damages, fines, judgments, losses, judicial or administrative proceedings, and reasonable costs and expenses (including attorney, consultant and expert fees), to the extent the same arise out of or are in any way related to: (1) the Trustee's non-compliance with applicable federal, state and local laws; (2) the Trustee's non-compliance with the terms and conditions of this Agreement; or (3) the Trustee's negligence or willful misconduct that relate in any way to

the performance of this Agreement.

11.3 Upon receipt of an indemnified claim, the Indemnitor, at its own cost and expense, shall: (1) take control of the defense and investigation of the lawsuit or action; and (2) employ counsel of its choice, reasonably satisfactory to the Indemnitee to handle and defend same. The Indemnitee at its sole cost and expense, may retain separate counsel and such separate counsel shall have the right, but not the obligation, to suggest or otherwise recommend any and all defenses, crossclaims and/or counterclaims. The Indemnitor shall not consent to the entry of any judgment or enter into any settlement of the indemnified claim without the written consent of the Indemnitee which consent shall not be unreasonably withheld or delayed.

11.4 If Indemnitor fails to assume the defense of the indemnified claim within 15 days after receipt of the notice of indemnified claim, the Indemnitee shall have the right to undertake, at Indemnitor's sole cost and expense (including but not limited to counsel and expert fees), the defense, compromise or settlement of the indemnified claim, provided Indemnitor shall have the right to approve any final settlement or compromise of the indemnified claim, which approval shall not be unreasonably withheld.

11.5 This section shall survive the termination of the Trust for acts or omissions by the Trustee during the course of performing his or her duties prior to such termination.

12. INTERESTS NOT ASSIGNABLE OR SUBJECT TO CLAIMS OR CREDITORS.

The interest of any Grantor in the Fund shall not be subject to anticipation or assignment nor subject to the claims of any creditor of any Grantor, and any interest reserved to any Grantor shall be made available to the Grantor only upon termination of this Trust pursuant to Section 4 herein.

13. CHOICE OF LAW.

This Trust Agreement shall be administered, construed, and enforced according to the internal laws of the State of New Jersey, except to the extent that federal law shall apply to questions arising under the Comprehensive Environmental Response, Compensation and Liability Act, or the National Contingency Plan promulgated thereunder.

13. INTERPRETATION.

As used in this Trust Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive heading for each Section and Subsection of this Trust Agreement shall not affect the interpretation or the legal efficacy of this Trust Agreement. It is agreed that neither the act of entering into this Trust Agreement nor any contribution to the Fund nor any action taken under this Trust Agreement shall be deemed to constitute an admission of any liability or fault on the part of the Trustee or the Transferors, or any of them,

with respect to the Sites or otherwise, nor does it constitute a commitment or agreement, either expressed or implied, by any or all of them to undertake any Work. This document shall not be admissible in any court proceeding except to enforce its terms.

14. SEPARATE DOCUMENTS.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

15. NOTICE.

Any notice required herein shall be given in writing to the signatories hereto, or to their respective designee or designees.

16. EFFECTIVE DATE.

This Agreement shall become effective as of the day and year first written above.

WITNESS the execution hereof by the Trustee:

By: _____, Trustee
For de maximis, inc., Trustee

Name of Signatory: _____

Title of Signatory: _____

Telephone Number: _____

Facsimile Number: _____

Email Address: _____

WITNESS the execution hereof by the authorized representative of.

By: _____
Name of Signatory: _____

Title of Signatory: _____

Company Taxpayer Identification Number: _____

Designated Representative for Receipt of Notice and Invoices:

Name: _____

Address: _____

Telephone Number: _____

Facsimile Number: _____

Email Address: _____

WITNESS the execution hereof by the authorized representative of.

By: _____
Name of Signatory: _____

Title of Signatory: _____

Company Taxpayer Identification Number: _____

Designated Representative for Receipt of Notice and Invoices:

Name: _____

Address: _____

Telephone Number: _____

Facsimile Number: _____

Email Address: _____

APPENDIX A

List of Transferors

APPENDIX B

Consent Decree

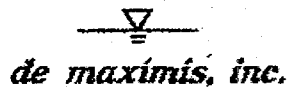
16
APPENDIX C

Site Map

17

APPENDIX D

Schedule of Fees



**PROFESSIONAL SERVICES RATE SCHEDULE
JANUARY 1, 2006**

MANAGEMENT

HOURLY RATE

Expert Testimony	\$125.00 – 250.00
Senior Project Director	\$125.00 – 170.00
Project Director	\$110.00 – 124.00
Senior Project Manager	\$ 95.00 – 109.00
Project Manager	\$ 80.00 – 94.00

TECHNICAL

Senior Project Engineer/Geologist	\$ 65.00 – 90.00
Project Engineer/Geologist	\$ 55.00 – 64.00
Project Specialist	\$ 45.00 – 54.00

FUND ADMINISTRATION

Fund Administrator/Trustee	\$140.00
Fund Officer	\$115.00
Accountant	\$ 85.00
Account Support	\$ 69.00

SUPPORT SERVICES

Records Coordinator/Administrative Support	\$ 65.00
Word Processing Support	\$ 52.00

PERSONNEL CHARGES

- Management and technical personnel time charges will be invoiced according to the Rate Schedule above.
- Personnel time charges for direct project support activities such as report typing and reproduction are invoiced according to the Rate Schedule above. Charges include indirect support staff, text processing, equipment, computer connect charges, and nominal communication charges.
- All time is rounded to the nearest quarter hour.

**PROFESSIONAL SERVICES RATE SCHEDULE
JANUARY 1, 2006
(continued)**

TRAVEL AND LIVING EXPENSES

- Travel and living expenses are charged at cost plus 10%.

OTHER CHARGES AND REIMBURSABLE EXPENSES

- All project-related purchases will be invoiced at cost plus 10%, including materials, subcontractor costs, fees, equipment purchased, and other costs incurred specifically for the project.
 - A miscellaneous charge equal to 5% of professional services billed will be added to cover routine project-related telephone usage, postage, and photocopying.
 - Non-routine project-related charges such as overnight mailings, outside copying charges, and teleconferences will be invoiced at cost plus 3%.
- X A nominal fee for document retention and preservation may be charged to each project on a yearly basis as necessary to cover the cost of such activity.

Rates are subject to change no more than annually upon written approval from the client(s).